Editors

JOHN I. BREWER, *Editor in Chief*

FREDERICK P. ZUSPAN, E. J. QUILLIGAN, *Editors*

LOUIS M. HELLMAN, *Editor for Current Developments*

ALBERT B. GERBIE, *Associate Editor*

HOWARD C. TAYLOR, JR., ALLAN C. BARNES, *Editors Emeritus*

Advisory committee on policy

John L. M. Bean
Melvin W. Breese
James A. Crowell
David G. Decker
T. Terry Hayashi
Charles A. Hunter, Jr.
Irwin H. Kaiser
Robert A. Munsick
Ben M. Peckham
Harry Prystowsky

Board of corresponding editors

Oscar Aguero, *Caracas*
T. N. A. Jeffcoate, *Liverpool*
Takashi Kobayashi, *Tokyo*
Parvati K. Malkani, *New Delhi*
Jean Snoeck, *Brussels*

Volume 110
May-August 1971
The C. V. Mosby Company
St. Louis
1971

XUM

in addition to those listed on the front cover,

the Journal is the official publication

of the following societies:

NEW YORK OBSTETRICAL SOCIETY
OBSTETRICAL SOCIETY OF PHILADELPHIA
BROOKLYN GYNECOLOGICAL SOCIETY
ST. LOUIS GYNECOLOGICAL SOCIETY
NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY
THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND
CHICAGO GYNECOLOGICAL SOCIETY
CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY
AMERICAN BOARD OF OBSTETRICS AND GYNECOLOGY
WASHINGTON GYNECOLOGICAL SOCIETY
PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
BOSTON OBSTETRICAL SOCIETY
LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SEATTLE GYNECOLOGICAL SOCIETY
ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY
KANSAS CITY GYNECOLOGICAL SOCIETY
CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS
NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY
THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
NEW YORK GYNECOLOGICAL SOCIETY
PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION
BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SAN FRANCISCO GYNECOLOGICAL SOCIETY

***Volume* 110**
Copyright © 1971 by The C. V. Mosby Company
(All rights reserved)

Printed in the United States of America

XUM

Index to volume 110

Author index*

A

Abdul-Karim, Raja W., Erhart, Kathleen, and Drucker, Morris. The dose-time relationship of estradiol-17β and lung cholinesterase, 424 (Comm. in brief)

Abell, Murray R. Papillary adenofibroma of the uterine cervix, 990

— (*see* Fenn and Abell), 1066

Abrams, R. M., Caton, D., Clapp, J., and Barron, D. H. Temperature differences in reproductive tract of nonpregnant ewe, 370

Adamsons, Karlis (*see* Morishima et al.), 926

Aimakhu, V. E., and Osunkoya, B. O. Endometriosis externa in Ibadan, Nigeria, 489

Alba, Michel (*see* Driscoll et al.), 1083

Altschul, Howard S. (*see* Driscoll et al.), 1083

Alvarez, H. (*see* Benedetti et al.), 742

Andersen, Richard N. (*see* Givens et al.), 959

Anderson, W. R., Levine, A. J., and MacMillan, D. Granulosa-theca cell tumors: clinical and pathologic study, 32

Antopol, William (*see* Blinick, Tavolga, and Antopol), 948

Apte, Sharad V., Iyengar, Leela, and Nagarajan, V. Effect of antenatal iron supplementation on placental iron, 350

Arbit, Jack (*see* Oh et al.), 330

Aronson, H. Benzion, Magora, Florella, and Schenkar, J. G. Effect of oral contraceptives on blood viscosity, 997

Ascari, William Q. (*see* McElrath and Ascari), 309

Assali, N. S. (*see* Kirschbaum, Brinkman, and Assali), 190

Astrup, Tage (*see* Glas-Greenwalt, Beller, and Astrup), 721

— (*see* Sobrero, Brakman, and Astrup), 122

Auman, Richard (*see* Kane et al.), 1050

Austin, M. K. (*see* Twardock et al.), 1008

Aziz, Ezzat M. (*see* Nelson et al.) 737

B

Baker, T. G. Radiosensitivity of mammalian oocytes with particular reference to the human female, 746 (Current developments)

Barclay, D. L. (*see* Doyle et al.), 92

Barnes, Ann B. (*see* Judd, Barnes, and Kliman), 1061

Barnett, Robert (*see* Cassady, Barnett, and Ceballos), 672

Barron, D. H. (*see* Abrams et al.), 370

Batts, James A., Jr. Hospital-based family planning program, 49

Beck, R. Peter, and Hill, J. R. Another mechanism of producing hypofibrinogenemia with the dead fetus syndrome, 123 (Comm. in brief)

Becker, R. Frederick, and Martin, Joan C. Vital effects of chronic nicotine absorption and chronic hypoxic stress during pregnancy and the nursing period, 522

Behrman, S. J. (*see* Peterson and Behrman), 24

Beischer, Norman A. (*see* Macafee, Beischer, and Fortune), 891

— (*see* Macafee et al.), 653

Beller, Fritz K. (*see* Glas-Greenwalt, Beller, and Astrup), 721

Benaron, Harry B. W., and Tucker, Beatrice E. The effect of factors beyond clinical control and obstetric management on mature infant survival at the Chicago Maternity Center from 1959 to 1963, 1119

— and —. The effect of obstetric management and factors beyond clinical control on maternal mortality rates at the Chicago Maternity Center from 1959 to 1963, 1113

Benedetti, W. L., Sala, M. A., Kulay, L., Jr., and Alvarez, H. Histochemical localization of lactate dehydrogenase isoenzymes in the human placenta, 742 (Comm. in brief)

Benirschke, Kurt (*see* Khudr and Benirschke), 1091

Benson, Ralph C. Direction, innovation, exploration: an obstetric triptych, 151

Bhiraleus, Prapas (*see* Gondos, Bhiraleus, and Hobel), 644

Blinick, George, Tavolga, William N., and Antopol, William. Variations in birth cries of newborn infants from narcotic-addicted and normal mothers, 948

Bloch, Eric (*see* Koren and Bloch), 919

Blondheim, S. H. (*see* Kapitulnik, Schenker, and Blondheim), 62

Blonsky, E. Richard (*see* Oh et al.), 330

Board, John A. (*see* Silverberg, Willson, and Board), 397

Bodman, U. (*see* Nabriski et al.), 54

Boronow, Richard C. Management of radiation-induced vaginal fistulas, 1

— and Hickman, Bernard T. A comparison of two radiation therapy-treatment plans for carcinoma of the cervix. I. Personnel radiation exposure, 693

Borth, Rudi (*see* Kim et al.), 658

Boutselis, John G., Ullery, John C., and Charme, Lawrence. Diagnosis and management of Stage 1A (microinvasive) carcinoma of the cervix, 984

Bowes, Watson A., Jr. (*see* Haverkamp and Bowes), 667

Braaksma, J. T., Veth, Ir. A. F. L., Janssens, J., Stolte, L. A. M., Eskes, T. K. A. B., Hein, P. R., and van der Weide, H. A comparison of digital and nondigital analysis of contraction records obtained from the nonpregnant uterus in vivo, 1075

Braden, Barbara (*see* Czerwinski et al.), 42, 677

Brakman, Pieter (*see* Sobrero, Brakman, and Astrup), 122

Brandes, J. M. (*see* Hoch et al.), 1141

Breese, Melvin W. Continuing education of obstetricians and gynecologists, 265

Brenner, William E. (*see* Crist, Hendricks, and Brenner), 738

Brinkman, C. R., III (*see* Kirschbaum, Brinkman, and Assali), 190

Brown, James B. (*see* Macafee et al.), 653

Bucovaz, E. T. (*see* Morrison et al.), 619

Burd, Laurence I., and Esterly, John R. Vesicular lesions of the uterine cervix, 887 (Comm. in brief)

*May 1, 1-150; May 15, 151-290; June 1, 291-456; June 15, 457-600; July 1, 601-762; July 15, 763-890; August 1, 891-1040; August 15, 1041-1170.

XUM

Burgess, Paul (*see* Held, Burgess, and Prystowsky), 803
— (*see* Prystowsky, Burgess, and Held), 1055
Burns, Robert E. (*see* Chapel and Burns), 366
Burstyn, Peter G., Lloyd, Ieuan J., and Horrobin, David F. Effects of progesterone on changes in arterial pressure following operation, 994
Burt, Richard L. (*see* Gusdon, Leake, and Burt), 65

C

Caraway, A. F. (*see* Jolly et al.), 291
Carmichael, D. Erskine. Vagina from urinary bladder, 130 (Comm. in brief)
Casavilla, F. (*see* Pérez et al.), 428
Cassady, George, Barnett, Robert, and Ceballos, Ricardo. Dangers of fetal transfusion; importance of placental location, 672
— (*see* Lugo, O'Neil, and Cassady), 358
Cassell, Sylvia (*see* Oh et al.), 330
Castañeda, Evangelina, Perez, Ana E., Guillen, Miguel A., Ramirez-Robles, Susana, Gual, Carlos, and Pérez-Palacios, Gregorio. Metabolic studies in a patient with testicular feminization syndrome, 1002
Caton, D. (*see* Abrams et al.), 370
Cava, Emil F., and Dreier, Robert L. The Marfan syndrome in pregnancy: a case report, 250
Cavanagh, Denis (*see* DeCenzo, Malo, and Cavanagh), 380
— (*see* Hovadhanakul, Eachempati, and Cavanagh), 311
Ceballos, Ricardo (*see* Cassady, Barnett, and Ceballos), 672
Centifanto, Y. M., Hildebrandt, R. J., Held, B., and Kaufman, H. E. Relationship of herpes simplex genital infection and carcinoma of the cervix: population studies, 690
Chafetz, Neil (*see* Kane et al.), 1050
Chang, Sheng Hsiung, and Maddox, William A. Adenocarcinoma arising within cervical endometriosis and invading the adjacent vagina, 1015 (Comm. in brief)
Chapel, Thomas A., and Burns, Robert E. Oral contraceptives and exacerbation of lupus erythematosus, 366
Charme, Lawrence (*see* Boutselis, Ullery, and Charme), 984
Chaudhuri, S. K. Role of nutrition in the etiology of toxemia of pregnancy, 46
Cibils, Luis A., Sica-Blanco, Yamandu, Remedio, Maria R., Rozada, Hector, and Gil, Blanca E. Effect of sympathomimetic drugs upon the human oviduct in vivo, 481
Clapp, J. (*see* Abrams et al.), 370
Cleveland, William W. (*see* LeMaire et al.), 612
Coleman, Sidney A. (*see* Givens et al.), 959
Colmore, John P. (*see* Czerwinski et al.), 42, 677
Conger, W. L. (*see* Hamrin et al.), 422
Conly, Patricia W. (*see* LeMaire et al.), 612
Connell, Elizabeth B., and Connell, John T. C-reactive protein in pregnancy and contraception, 633
Connell, John T. (*see* Connell and Connell), 633
Coopland, Ashley T. (*see* Manning et al.), 900
Coutinho, Elsimar, and Lopes, A. C. Vieira. Inhibition of uterine motility by aminophylline, 726 (Current investigation)
— (*see* Landesman et al.), 111
Creasman, William T., and Rutledge, Felix. The prognostic value of peritoneal cytology in gynecologic malignant disease, 773
Crist, Takey, Hendricks, Charles H., and Brenner, William E. Lactation following lobectomy, 738 (Comm. in brief)
Csapo, A. I., Knobil, E., van der Molen, H. J., and Wiest, W. G. Peripheral plasma progesterone levels during human pregnancy and labor, 630
Czerwinski, Anthony W., Wilkerson, Ronald G., Merrill, James A., Braden, Barbara, and Colmore, John P. Evaluation of first morning urine to detect significant bacteriuria. Part I, 42
—, —, —, —, and —. Further evaluation of the Griess test to detect significant bacteriuria. Part II, 677

D

Dajani, Rajai M., Gumpel, Janis A., and Cleary, Robert E. Urinary estriol excretion and hemoglobinopathies of pregnancy, 125 (Comm. in brief)
Damjanov, Ivan, Drobnjak, Predrag, and Grizelj, Veselko. Testicular feminization with immature Leydig cells—an ultrastructural demonstration, 594 (Comm. in brief)
Dasgupta, P. R., Kar, Amiya B., and Engineer, Amy D. Uric acid in the uterine fluid of women fitted with Lippes loop and in deposits found on used devices, 593 (Comm. in brief)
Davis, J. A. (*see* Moore, Murphy, and Davis), 908
Davison, Leslie A. (*see* Margolis et al.), 243
Dawood, M. Yusoff (*see* Teoh, Dawood, and Ratnam), 415
DeCenzo, Joseph A., Malo, T., and Cavanagh, Denis. Factors affecting cone-hysterectomy morbidity, 380
Decker, David G. (*see* Malkasian et al.), 15
— (*see* Sheldon, Decker, and Lee), 1140
Desjardins, Paul D. (see Fox et al.), 896
— (*see* Willoughby et al.), 663
Dessouky, Dessouky Ahmad. Myometrial changes in postpartum uterine involution, 318
Dilts, P. V., Jr. (*see* Hamrin et al.), 422
Dockerty, Malcolm B. (*see* Woodworth et al.), 501
Dolkart, Ralph E. (*see* Halpern, Eckman, and Dolkart), 412
Donaldson, L. Bruce, and Plant, Robert K. Pregnancy complicated by extrahepatic portal hypertension: review of literature and report of two cases, 255
Donegan, William L. (*see* El-Minawi, Hori, and Donegan), 882
Doyle, L. L., Barclay, D. L., Duncan, G. W., and Kirton, K. T. Human luteal function following hysterectomy as assessed by plasma progestin, 92
Dreier, Robert L. (*see* Cava and Dreier), 250
Driscoll, Shirley G., Strauss, William F., Alba, Michel, Altschul, Howard S., and Hager, Hans J. Evaluation of a new slide test for pregnancy, 1083
Drobnjak, Predrag (*see* Damjanov, Drobnjak, and Grisel), 594
Droegemueller, William, Makowski, Edgar, and Macsalka, Robert. Destruction of the endometrium by cryosurgery, 467
Drucker, Morris (*see* Abdul-Karim, Erhart, and Drucker), 424
Drukker, Bruce H., Reynolds, William A., Ortiz, Eduardo, and Josey, Julian C. Placental localization, 9
Duhring, John L., and Zwirek, Stephen J. Intrauterine fetal transfusion: five years of experience, 670
Dunbar, Lynda (*see* Manning et al.), 900
Duncan, G. W. (*see* Doyle et al.), 92
Dyer, Donald C. (*see* Gough and Dyer), 625

E

Eachenpati, Uma (*see* Hovadhanakul, Eachempati, and Cavanagh), 311
Easley, Eleanor B. The dilemma of women in our culture: gynecologic repercussions. Part II, 858
Eckman, Thomas R. (*see* Halpern, Eckman, and Dolkart), 412
Eliason, B. Clair, and Posner, Herbert S. Reduced passage of carbon-14–dieldrin to the fetal rat by phenobarbital but not by eight other drugs or by dieldrin, 943

XUM

El Mahgoub, S., and El Zeniny, A. Ureterouterine fistula after cesarean section, 881 (Comm. in brief)
— (*see* Karim and El Mahgoub), 740
El-Minawi, Mahmoud F., Hori, Jose M., and Donegan, William L. Malignant melanoma in the corpora lutea of binovular twin pregnancy, 882 (Comm. in brief)
El Zeniny, A. (*see* El Mahgoub and El Zeniny), 881
Emerson, Kendall, Jr. (*see* Spangler and Emerson), 534
Engineer, Amy D. (*see* Dasgupta, Kar, and Engineer), 593
Epstein, Jeanne A. (*see* Santamaria-Urrego and Epstein), 461
Erhart, Kathleen (*see* Abdul-Karim, Erhart, and Drucker), 424
Eskes, T. K. A. B. (*see* Braaksma et al.), 1075
Esterly, John R. (*see* Burd and Esterly), 887
Esteves, R. (*see* Zárate et al.), 875
Evans, Richard (*see* Leventhal, Evans, and Levin), 538
Ezaki, Kenichiro (*see* Fujikura, Ezaki, and Nishimura), 547

F

Favier, J. (*see* Helfferich and Favier), 58
Feiner, Frederick (*see* Labay and Feiner), 478
Fenn, Mary Ellen, and Abell, Murray R. Carcinosarcoma of the ovary, 1066
Ferenczy, Alex, Richart, Ralph M., and Okagaki, Takashi. Endometrial involvement by cervical carcinoma in situ, 590 (Comm. in brief)
Fernandez, Raymond J. (*see* Nahmias et al.), 825
Fish, Stewart A. (*see* Givens et al.), 959
— (*see* Morrison et al.), 619
Fischer, A. B. (*see* Loch, Fischer, and Kuwert), 457
Flanders, Raymond W. (*see* Rawls et al.), 682
Forman, Giles H. (*see* Holub, Reyner, and Forman), 362
Fort, Arthur T. Prenatal intrusion into the amnion, 432 (Current developments)
Fortune, Denys W. (*see* Macafee, Beischer, and Fortune), 891
— (*see* Macafee et al.), 653
Fowler, Wesley C., Jr. (*see* Shingleton, Fowler, and Koch), 385
Fox, Gordon S., Houle, Germain L., Desjardins, Paul D., and Mercier, Gilles. Intrauterine fetal lidocaine concentrations during continuous epidural anesthesia, 896
Fox, Leon Parrish. Fatal superinfection with Monilia in gynecological surgery, 285
Freedman, Don S. (*see* Nelson et al.), 737
Freeman, Malcolm G. (*see* Nahmias et al.), 825
Friedlander, David (*see* Poliak et al.), 376
Friedman, D., Haim, S., and Paldi, E. Refractory involvement of a cervix uteri in a case of pemphigus vulgaris, 1023 (Comm. in brief)
Fritchie, G. Edward (*see* Idänpään-Heikkilä et al.), 426
Fuchigami, S. (*see* Willoughby et al.), 663
Fuchs, K. (*see* Hoch et al.), 1141
Fujikura, Toshio, Ezaki, Kenichiro, and Nishimura, Hideo. Chorionic villi and syncytial sprouts and spontaneous and induced abortions, 547

G

Gabbe, Steven G., and Villee, Claude A. Metabolism of pregnenolone by immature and term placental villi in organ culture, 543
Gadow, Enrique C. (*see* Queenan, Gadow, and Lopes), 128
Galante, Maurice, and Hill, Edward C. Pelvic exenteration: a critical analysis of a ten-year experience with the use of the team approach, 180
Gambrell, Richard D., Jr., Greenblatt, Robert B., and Mahesh, Virendra B. Post-pill and pill-related amenorrhea-galactorrhea, 838
Gardner, Herman L. (*see* Rawls et al.), 682
Gil, Blanca E. (*see* Cibils et al.), 481
Givens, James R., Wiser, Winfred L., Coleman, Sidney A., Wilroy, Sidney, Andersen, Richard N., and Fish, Stewart A. Familial ovarian hyperthecosis: a study of two families, 959
Glas-Greenwalt, Pia, Beller, Fritz K., and Astrup, Tage. Comparative assays of tissue plasminogen activator in myometrium, cervix, and fibromyomas of the human uterus, 721
Golditch, Ira M. Tuberculous meningitis and pregnancy, 1144 (Comm. in brief)
Goldsmith, Sadja, and Margolis, Alan J. Aspiration abortion without cervical dilation, 580 (Current investigation)
Goldstein, Donald P. Serum placental lactogen activity in patients with molar pregnancy and trophoblastic tumors—a reliable index of malignancy, 583 (Current investigation)
Gondos, Bernard, Bhiraleus, Prapas, and Hobel, Calvin J. Ultrastructural observations on germ cells in human fetal ovaries, 644
—, Townsend, Duane E., and Ostergard, Donald R. Cytologic diagnosis of squamous dysplasia and carcinoma of the cervix, 107
Goodlin, Robert C. Complications of amnioinfusion with hypertonic saline for midtrimester abortion, 885 (Comm. in brief)
—. Intrapartum fetal heart rate responses and plethysmographic pulse, 210
— and Horowitz, Marc. Thermal effects on heart rate of the neonate, 674
Gorodisch, S. (*see* Pérez et al.), 428
Gough, E. Doris, and Dyer, Donald C. Responses of isolated human uterine arteries to vasoactive drugs, 625
Graff, G. Failure to prevent premature labor with ethanol, 873 (Comm. in brief)
— (*see* Sharf, Graff, and Kuzminsky), 423
Greenblatt, Robert B. (*see* Gambrell, Greenblatt, and Mahesh), 838
Griselj, Veselko (*see* Damjanov, Drobnjak, and Griselj), 594
Grobelny, S. Louise (*see* Ledger, Thompson, and Grobelny), 494
Gual, Carlos (*see* Castañeda et al.), 1002
Guillen, Miguel A. (see Castañeda et al.), 1002
Gumpel, Janis A. (*see* Dajani, Gumpel, and Cleary), 125
Gusdon, John P., Leake, Norman H., and Burt, Richard L. Variability of naturally occurring antihuman placental lactogen dependent upon preparations tested, 65
Guzzetta, Donald (see McCready, Miller, and Guzzetta), 1021

H

Hafez, E. S. E. (*see* Hamana and Hafez), 572
Hager, Hans J. (*see* Driscoll et al.), 1083
Hahn, Dorothy A. (*see* Nelson et al.), 737
Haim, S. (*see* Friedman, Haim, and Paldi), 1023
Hall, Robert E. Induced abortion in New York City, 601
Halpern, Bernard, Eckman, Thomas R., and Dolkart, Ralph E. Seven-hour radioimmunoassay of human chorionic gonadotropin, 412 (Current investigation)
Halpin, Thomas F. Prolapse of the Fallopian tube following abdominal hysterectomy, 880 (Comm. in brief)
— and McCann, Thomas O. Dynamics of body fluids following the rapid removal of large volumes of ascites, 103

XUM

HAMANA, K., AND HAFEZ, E. S. E. Uteroglobin and serum proteins of rabbit blastocysts as affected by maternal factors, 572
HAMRIN, C. E., CONGER, W. L., LINDSTROM, R. N., SHIER, R. W., AND DILTS, P. V., JR. Placental perfusion device, 422 (Comm. in brief)
HANSON, KARL H. (*see* MARGOLIS ET AL.), 243
HARDIN, MARY BETH (*see* KRMPOTIC AND HARDIN), 589
HASSON, H. M. A modified instrument and method for laparoscopy, 886 (Comm. in brief)
HAVERKAMP, ALBERT, AND BOWES, WATSON A., JR. Uterine perforation: a complication of continuous fetal monitoring, 667
HAYDEN, GLEN E. The role of community hospitals and professional societies in continuing medical education, 269
HEIKKILÄ, JORMA, AND LUUKKAINEN, TAPANI. Urinary excretion of estriol and 15α-hydroxyestriol in complicated pregnancies, 509
HEIN, P. R. (*see* BRAAKSMA ET AL.), 1075
HELD, BEREL, AND PRYSTOWSKY, HARRY. Research in the delivery of female health care: a decade's experience in resident education and a university-based mobile health care team 295
—, BURGESS, PAUL, AND PRYSTOWSKY, HARRY. Research in the delivery of female health care: effort and effectiveness, 803
— (*see* CENTIFANTO ET AL.), 690
—(*see* JOLLY ET AL.), 291
— (*see* PRYSTOWSKY, BURGESS, AND HELD), 1055
HELFFERICH, M., AND FAVIER, J. Breech delivery, 58
HENDRICKS, CHARLES H. (*see* CRIST, HENDRICKS, AND BRENNER), 738
HENKIN, R. I., MARSHALL, J. R., AND MERET, S. Maternal-fetal metabolism of copper and zinc at term, 131 (Comm. in brief)
HESTER, LAWRENCE L., JR. (*see* UNDERWOOD AND HESTER), 849
HICKMAN, BERNARD T. (*see* BORONOW AND HICKMAN), 693
HILDEBRANDT, R. J. (see CENTIFANTO ET AL.), 690
HILL, EDWARD C. (*see* GALANTE AND HILL), 180
HILL, JOHN D. (*see* LEES ET AL.), 68
HILL, J. R. (*see* BECK AND HILL), 123
HO, BENG T. (*see* IDÄNPÄÄN-HEIKKILÄ ET AL.), 426
HOAG, ROGER W. Use of urinary estriol determinations in high-risk pregnancy in the community hospital, 203
HOBEL, CALVIN J. Intrapartum clinical assessment of fetal distress, 336
— (*see* GONDOS, BHIRALEUS, AND HOBEL), 644
HOCH, Z., LICHTIG, C., PERETZ, A. B., PALDI, E., PASCAL, B., FUCHS, K., AND BRANDES, J. M. Ovarian carcinoid tumor and term pregnancy, 1141 (Comm. in brief)
HODARI, A. ALBERTO (*see* REYNOLDS, PITKIN, AND HODARI), 566
HOLLEY, MARSHALL R. Management of the patient with an abnormal Papanicolaou smear, 979
HOLUB, WILLIAM R., REYNER, FRANKLIN C., AND FORMAN, GILES H. Increased levels of serum immunoglobulins G and M in women using intrauterine contraceptive devices, 362
HOOVER, ROBERT T. Intranasal oxytocin in eighteen hundred patients, 788
HOPKINS, J. R. (*see* TWARDOCK ET AL.), 1008
HORI, JOSE M. (*see* EL-MINAWI, HORI, AND DONEGAN), 882
HOROWITZ, MARC (*see* GOODLIN AND HOROWITZ), 674
HORROBIN, DAVID F. (*see* BURSTYN, IEUAN, AND HORROBIN), 994
HOULE, GERMAIN L. (*see* FOX ET AL.), 896
HOVADHANAKUL, PROPHAT, EACHEMPATI, UMA, AND CAVANAGH, DENIS. Ureteral obstruction in chronic ectopic pregnancy, 311
HUNTER, CAROLINE B. Adenomatous hyperplasia of the endometrium associated with delayed manifestation of estrogen which produced ovarian tumor: a case report, 782
HUTH, J. (*see* TYSON ET AL.), 934
HYMAN, ALLEN I. (*see* MORISHIMA ET AL.), 926

I

IDÄNPÄÄN-HEIKKILÄ, JUHANA E., FRITCHIE, G. EDWARD, HO, BENG T., AND MCISAAC, WILLIAM M. Placental transfer of C^{11}-ethanol, 426 (Comm. in brief)
IKEDA, TAKAYOSHI (*see* KADOTANI ET AL.), 98
ING, R. M. Y. (*see* KAYE ET AL.), 640
ISAACS, JOHN H. Variations in response to therapy for cervical cancer, 390
IYENGAR, LEELA (*see* APTE, IYENGAR, AND NAGARAJAN), 350

J

JACOBS, A. A., MITCHELL, G. W., JR., STRAUSS, R. R., PAUL, B. B., AND SBARRA, A. J. The role of the phagocyte in host-parasite interactions. XXXI. Serum and cellular iodine levels and the relationship to the hyperbactericidal activity of pregnancy, 911
JACOBS, RALPH I. (*see* SANDBERG AND JACOBS), 227
JAMES, L. STANLEY (*see* MORISHIMA ET AL.), 926
JANSSENS, J. (*see* BRAAKSMA ET AL.), 1075
JOHANSSON, ELOF D. B. (*see* NILLIUS AND JOHANSSON), 470
JOHNSON, CARL E. (*see* MALKASIAN ET AL.), 15
JOLLY, CAROL, HELD, BEREL, CARAWAY, A. F., AND PRYSTOWSKY, HARRY. Research in the delivery of female health care: the recipients' reaction, 291
JONES, G. S. (*see* TYSON ET AL.), 934
JONES, W. R. (*see* KAYE ET AL.), 640
JOSEY, JULIAN C. (*see* DRUKKER ET AL.), 9
JOSEY, WILLIAM E. (*see* NAHMIAS ET AL.), 825
JUDD, HOWARD L., BARNES, ANN B., AND KLIMAN, BERNARD. Long-term effect of wedge resection on androgen production in a case of polycystic ovarian disease, 1061

K

KADOTANI, TETSUJU, OHAMA, KOSO, SOFUNI, TOSHIO, AND IKEDA, TAKAYOSHI. An XY human female with ovaries, 98
KAISER, I. H. Ballantyne and triple edema, 115 (Current opinion)
KALMANOVITCH, K. (*see* NABRISKI ET AL.), 54
KAPITULNIK, J., SCHENKER, J. G., AND BLONDHEIM, S. H. Diagnosis of fetal hemolytic disease by a chemical test in a case with metheme-contaminated amniotic fluid, 62
KANE, FRANCIS J., JR., LACHENBRUCH, PETER A., LOKEY, LEE, CHAFETZ, NEIL, AUMAN, RICHARD, POCUIS, LEO, AND LIPTON, MORRIS A. Motivational factors affecting contraceptive use, 1050
KAR, AMIYA B. (*see* DASGUPTA, KAR, AND ENGINEER), 593
KARCHMER, S. (*see* ZÁRATE ET AL.), 875
KARIM, M., AND EL MAHGOUB, S. Conception control by cyclic injections of norethisterone enanthate and estradiol unducelate, 740 (Comm. in brief)
KARTEN, IRVING (*see* KLEIN AND KARTEN), 298
KAUFMAN, H. E. (*see* CENTIFANTO ET AL.), 690
KAUFMAN, RAYMOND H. (*see* RAWLS ET AL.), 682
KAYE, M. D., JONES, W. R., ING, R. M. Y., AND MARKHAM, R. Effect of human chorionic gonadotropin on intrauterine skin allograft survival in rats, 640
KAZEEF, M. T. (*see* WILLOUGHBY ET AL.), 663
KHUDR, GABRIEL, AND BENIRSCHKE, KURT. Fluorescence of the Y chromosome: a rapid test to determine fetal sex, 1091

XUM

KIM, MOON H., BORTH, RUDI, MCCLEARY, PAUL H., WOOLEVER, C. ALLAN, AND YOUNG, PETER C. M. Sex hormone secretion of the placenta left in situ after ovarian pregnancy, 658
KIRSCHBAUM, T. H., BRINKMAN, C. R., III, AND ASSALI, N. S. Effects of maternal-fetal blood exchange transfusion in fetal lambs, 190
KIRTON, K. T. (*see* DOYLE ET AL.), 92
KLEIN, LUELLA. Nonregistered obstetric patients, 795
KLEIN, MILTON D., AND KARTEN, IRVING. Maternal deaths: a health and socioeconomic challenge, 298
KLIMA, IVO M. (see LANDESMAN ET AL.), 111
KLIMAN, BERNARD (see JUDD, BARNES, AND KLIMAN), 1061
KNOBIL, E. (*see* CSAPO ET AL.), 630
KOCH, GARY G. (*see* SHINGLETON, FOWLER, AND KOCH), 385
KOREN, ZEEV, AND BLOCH, ERIC. The uptake of 2-^{14}C-5-hydroxytryptamine by uterine tissue of nonpregnant and pregnant rats, 919
KREUTNER, A. KAREN (*see* LAUFE AND KREUTNER), 1096
KRMPOTIC, EVA, AND HARDIN, MARY BETH. Secondary nondisjunction causing regular trisomy 21 in the offspring of a mosaic trisomy 21 mother, 589 (Comm. in brief)
KRUGER, FRANCISCO (*see* SOBREVILLA, ROMERO, AND KRUGER), 596
KULAV, L., JR. (*see* BENEDETTI ET AL.), 742
KUO, ERIC YUNG-HUEI (*see* TWARDOCK ET AL.), 1008
KUWERT, E. (*see* LOCH, FISCHER, AND KUWERT), 457
KUZMINSKY, T. (*see* SHARF, GRAFF, AND KUZMINSKY), 423

L

LABAY, GERARD R., AND FEINER, FREDERICK. Malignant pleural endometriosis, 478
LACHENBRUCH, PETER A. (*see* KANE ET AL.), 1050
LANDESMAN, ROBERT, WILSON, KATHLEEN H., COUTINHO, ELSIMAR M., KLIMA, IVO M., AND MARCUS, ROBERT S. The relaxant action of ritodrine, a sympathomimetic amine, on the uterus during term labor, 111 (Current investigation)
LARA, ROGER (*see* MÁRQUEZ-MONTER, ORTIZ-BALDERRAMA, AND LARA), 1018
LAROS, RUSSELL K., JR. (*see* ROBERTS AND LAROS), 1041
LAUFE, LEONARD E., AND KREUTNER, A. KAREN. Vaginal hysterectomy: a modality for therapeutic abortion and sterilization, 1096
LEAKE, NORMAN H. (*see* GUSDON, LEAKE, AND BURT), 65
LEBEL, R. (*see* NABRISKI ET AL.), 54
LEDGER, WILLIAM J., THOMPSON, GEORGE R., AND GROBELNY, S. LOUISE. Effects of the menstrual cycle, pregnancy, hysterectomy, and other operative procedures upon urinary mucopolysaccharide excretion: a preliminary report, 494
LEE, RAYMOND A. (*see* SHELDON, DECKER, AND LEE), 1140
LEE, T. K. (*see* WILLOUGHBY ET AL.), 663
LEES, MARTIN H., HILL, JOHN D., OCHSNER, A. JOHN, III, THOMAS, CAROLE L., AND NOVY, MILES J. Maternal placental and myometrial blood flow of the rhesus monkey during uterine contractions, 68
LEMAIRE, WILLIAM J., CONLY, PATRICIA W., MOFFETT, ALFRED, SPELLACY, WILLIAM N., CLEVELAND, WILLIAM W., AND SAVARD, KENNETH. Function of the human corpus luteum during the puerperium: its maintenance by exogenous human chorionic gonadotropin, 612
LEVENTHAL, MICHAEL L., EVANS, RICHARD, AND LEVIN, BERTRAM. Acute segmental dilatation of the cecum without mechanical obstruction following cesarean section, 538
LEVIN, BERTRAM (*see* LEVENTHAL, EVANS, AND LEVIN), 538
LEVINE, A. J. (*see* ANDERSON, LEVINE, AND MACMILLAN), 32
LICHTIG, C. (*see* HOCH ET AL.), 1141
LINDENAUER, S. MARTIN (*see* MORLEY AND LINDENAUER), 696
LINDSTROM, R. N. (*see* HAMRIN ET AL.), 422
LIPTON, MORRIS A. (*see* KANE ET AL.), 1050
LLOYD, IEUAN J. (*see* BURSTYN, LLOYD, AND HORROBIN), 994
LOCH, E. G., FISCHER, A. B., AND KUWERT, E. Effect of diagnostic and therapeutic intensities of ultrasonics on normal and malignant human cells in vitro, 457
LOKEY, LEE (*see* KANE ET AL.), 1050
LOPES, A. C. VIEIRA (*see* COUTINHO AND LOPES), 726
— (*see* QUEENAN, GADOW, AND LOPES), 128
LOOS, SALLY A. (*see* MARGOLIS ET AL.), 243
LOWIN, D. M. (*see* VAN NAGELL, RODDICK, AND LOWIN), 973
LOWRY, SANDRA P. (*see* RAWLS ET AL.), 682
LUGO, GUSTAVO, O'NEIL, LYNN, AND CASSADY, GEORGE. Carcass water, fat, and chloride in the fetal growth-retarded rat, 358
LUUKKAINEN, TAPANI (*see* HEIKKILÄ AND LUUKKAINEN), 509
LYSTER, W. R. Three patterns of seasonality in American births, 1025 (Current opinion)

M

MABRY, EDWARD B. Adenocarcinoma of endometriosis of the ovary: a case report, 783
MACAFEE, JEREMY, BEISCHER, NORMAN A., FORTUNE, DENYS W., AND BROWN, JAMES B. Obstetric complications when the fetus has congenital heart disease. I. Fetoplacental function when the fetal heart is malformed, 653
—, —, AND —. Obstetric complications when the fetus has congenital heart disease. II. Clinical considerations, 891
MCARTHUR, JANET W. (*see* SMITH, STUART, AND MCARTHUR), 82
MCCAIN, JOHN R. Pragmatic ideals in obstetric-gynecologic practice, 763
MCCANN, THOMAS O. (*see* HALPIN AND MCCANN), 103
MCCLEARY, PAUL H. (*see* KIM ET AL.), 658
MCCREADY, JAMES, MILLER, ROBERT, AND GUZZETTA, DONALD. An unusual pelvic mass: report of a case, 1021 (Comm. in brief)
MCDONOUGH, P. G., TALLEDO, O. E., AND OWEN, R. G. Pelvic laparoscopy: an instrument (modified) to provide uterine elevation, 1017 (Comm. in brief)
MCELIN, THOMAS W., AND WAGNER, ARNOLD L., JR. Primary malignant vaginal lymphoma: case report, 883 (Comm. in brief)
— (*see* WAGNER AND MCELIN), 739
MCELRATH, THOMAS G., AND ASCARI, WILLIAM Q. Prevention of Rh immunization after transfusion with Rh-positive blood, 309
MCISAAC, WILLIAM M. (*see* IDÄNPÄÄN-HEIKKILÄ ET AL.), 426
MCLEAN, A. P. H. (*see* SMITH, MCLEAN, AND MAUGHAN), 135
MACMILLAN, D. (*see* ANDERSON, LEVINE, AND MACMILLAN), 32
MCNULTY, JAMES V. The role of licensing boards and certification boards in continuing medical education, 268
MACSALKA, ROBERT (*see* DROEGEMUELLER, MAKOWSKI, AND MACSALKA), 467
MADDOX, WILLIAM A. (*see* CHANG AND MADDOX), 1015
MAGORA, FLORELLA (*see* ARONSON, MAGORA, AND SCHENKAR), 997
MAHESH, VIRENDRA B. (*see* GAMBRELL, GREENBLATT, AND MAHESH), 838
MAKOWSKI, EDGAR (*see* DROEGEMUELLER, MAKOWSKI, AND MACSALKA), 467
MALCARNEY, COURTNEY N. (*see* ROBINSON, SHERROD, AND MALCARNEY), 405
MALKASIAN, GEORGE D., JR., AND SYMMONDS, RICHARD E. Solid malignant ovarian teratoma: case of an 8 year survival, 1020 (Comm. in brief)
—, DECKER, DAVID G., MUSSEY, ELIZABETH, AND JOHNSON, CARL E. Progestogen treatment of recurrent endometrial carcinoma, 15
MALO, T. (*see* DECENZO, MALO, AND CAVANAGH), 380

MANABE, YUKIO. Laminaria tent for gradual and safe cervical dilatation, 743 (Comm. in brief)
MANNING, FRANK A., WODZICKI, AGNES, DUNBAR, LYNDA, AND COOPLAND, ASHLEY T. The fibrinolytic system in late pregnancy, labor, and the early puerperium, 900
MARCUS, ROBERT S. (*see* LANDESMAN ET AL.), 111
MARGOLIS, ALAN J., DAVISON, LESLIE A., HANSON, KARL H., LOOS, SALLY A., AND MIKKELSEN, CYNTHIA M. Therapeutic abortion follow-up study, 243
— (*see* GOLDSMITH AND MARGOLIS), 580
MARKHAM, R. (*see* KAYE ET AL.), 640
MÁRQUEZ-MONTER, HÉCTOR, ORTIZ-BALDERRAMA, SILVIA, AND LARA, ROGER. Iatrogenic vaginal membranous exfoliation, 1018 (Comm. in brief)
MARSHALL, J. R. (*see* HENKIN, MARSHALL, AND MERET), 131
MARTIN, JOAN C. (*see* BECKER AND MARTIN), 522
MARUFFO, C. (*see* PÉREZ ET AL.), 428
MAUGHAN, G. B. (*see* SMITH, MCLEAN, AND MAUGHAN), 135
— (*see* SYBULSKI, TOTH, AND MAUGHAN), 314
MAZURKIEWICZ-KILCZEWSKA, DANUTA. Hexosamines and their biosynthesis in human amnion in vitro, 355
MELNICK, JOSEPH L. (*see* RAWLS ET AL.), 682
MENDENHALL, HIRAM W. Serum alpha-1 acid glycoprotein concentration in pregnancy and with oral contraception, 924
MERCIER, GILLES (*see* FOX ET AL.), 896
MERET, S. (*see* HENKIN, MARSHALL, AND MERET), 131
MERRILL, JAMES A. (*see* CZERWINSKI ET AL.), 42, 677
MIKKELSEN, CYNTHIA M. (*see* MARGOLIS ET AL.), 243
MILLER, JAMES A. New approaches to preventing brain damage during asphyxia, 1125
MILLER, RICHARD E. C. (*see* ROBERTSON AND MILLER), 407
MILLER, ROBERT (*see* MCCREADY, MILLER AND GUZZETTA), 1021
MITCHELL, G. W., JR. (*see* JACOBS ET AL.), 911
MOE, NARVE. Mitotic activity in the syncytiotrophoblast of the human chorionic villi, 431 (Comm. in brief)
MOFFETT, ALFRED (*see* LEMAIRE ET AL.), 612
MOLITOR, JOHN J. Adenomyosis: a clinical and pathologic appraisal, 275
MONIF, GILLES R. G. (*see* SAVORY AND MONIF), 556
MOORE, W. M. O., MURPHY, P. J., AND DAVIS, J. A. Creatinine content of amniotic fluid in cases of retarded fetal growth, 908
MORISHIMA, HISAYO O., HYMAN, ALLEN I., ADAMSONS, KARLIS, AND JAMES, L. STANLEY. Anesthetic management for fetal operation in the subhuman primate, 926
MORLEY, GEORGE W., AND LINDENAUER, S. MARTIN. Peritoneal graft in total pelvic exenteration, 696
MORRISON, JOHN C., WHYBREW, D. W., WISER, WINFRED L., BUCOVAZ, E. T., AND FISH, STEWART A. Enzyme levels in the serum and cerebrospinal fluid in eclampsia, 619
MOULDING, THOMAS. The medication monitor for studying the self-administration of oral contraceptives, 1143 (Comm. in brief)
MURPHY, P. J. (*see* MOORE, MURPHY, AND DAVIS), 908
MUSSEY, ELIZABETH (*see* MALKASIAN ET AL.), 15

N

NABRISKI, S. A., KALMANOVITCH, K., LEBEL, R., AND BODMAN, U. Extraovular transcervical injection of rivanol for interruption of pregnancy, 54
NAGARAJAN, V. (*see* APTE, IYENGAR, AND NAGARAJAN), 350
NAHMIAS, ANDRÉ J., JOSEY, WILLIAM E., NAIB, ZUHER M., FREEMAN, MALCOLM G., FERNANDEZ, RAYMOND J., AND WHEELER, JENETTE H. Perinatal risk associated with maternal genital herpes simplex virus infection, 825
NAIB, ZUHER M. (*see* NAHMIAS ET AL.), 825
NELSON, GEORGE H. Placental phospholipid patterns in normal and eclamptic pregnancies, 352
—, WAGES, HARVEY S., HAHN, DOROTHY A., AZIZ, EZZAT M., AND FREEDMAN, DON S. A complication of fetal scalp blood sampling, 737 (Comm. in brief)
NIELSON, PAUL E. (*see* WOLFF, NIELSON, AND SCHILLER), 730
NILLIUS, SVEN JOHAN, AND JOHANSSON, ELOF D. B. Plasma levels of progesterone after vaginal, rectal, or intramuscular administration of progesterone, 470
NILSSON, LENNART, AND RYBO, GÖRAN. Treatment of menorrhagia, 713
NISHIMURA, HIDEO (*see* FUJIKURA, EZAKI, AND NISHIMURA), 547
NIVEN, PETER, WILLIAMS, DAVID, AND ZEEGEN, RONALD. Pregnancy following the surgical treatment of portal hypertension, 1100
NOVY, MILES J. (*see* LEES ET AL.), 68

O

OCHSNER, A. JOHN, III (*see* LEES ET AL.), 68
OH, WILLIAM, ARBIT, JACK, BLONSKY, E. RICHARD, AND CASSELL, SYLVIA. Neurologic and psychometric follow-up study of Rh-erythroblastotic infants requiring intrauterine blood transfusion, 330
OHAMA, KOSO (*see* KADOTANI ET AL.), 98
OKAGAKI, TAKASHI (*see* FERENCZY, RICHART, AND OKAGAKI), 590
O'NEIL, LYNN (*see* LUGO, O'NEIL, AND CASSADY), 358
OPPENHIMER, WILLIAM M. Pregnancy in paraplegic patients: two case reports, 784
ORTIZ, EDUARDO (*see* DRUKKER ET AL.), 9
ORTIZ-BALDERRAMA, SILVIA (*see* MÁRQUEZ-MONTER, ORTIZ-BALDERRAMA, AND LARA), 1018
OSTERGARD, DONALD R. (*see* GONDOS, TOWNSEND, AND OSTERGARD), 107
OSUNKOYA, B. O. (*see* AIMAKHU AND OSUNKOYA), 489
OWEN, R. G. (*see* MCDONOUGH, TALLEDO, AND OWEN), 1017

P

PAGE, ERNEST W. The role of the university medical center in continuing medical education, 266
PALDI, E. (*see* FRIEDMAN, HAIM, AND PALDI), 1023
— (*see* HOCH ET AL.), 1141
PARANJOTHY, D., AND SAMUEL, IRWIN. A rare case of choriocarcinoma recurring twelve years after hysterectomy, 410
PASCAL, B. (*see* HOCH ET AL.), 1141
PAUL, B. B. (*see* JACOBS ET AL.), 911
PEARSON, ANTHONY A., AND SAUTER, RONALD W. Observations on the phrenic nerves and the ductus venosus in human embryos and fetuses, 560
PERETZ, A. B. (*see* HOCH ET AL.), 1141
PEREZ, ANA E. (*see* CASTAÑEDA ET AL.), 1002
PÉREZ, V., GORODISCH, S., CASAVILLA, F., AND MARUFFO, C. Ultrastructure of human liver at the end of normal pregnancy, 428 (Comm. in brief)
PÉREZ-PALACIOS, GREGORIO (*see* CASTAÑEDA ET AL.), 1002
PETERSON, E. P., AND BEHRMAN, S. J. Laparoscopic tubal sterilization, 24
PITKIN, ROY M. (*see* REYNOLDS, PITKIN, AND HODARI), 566
PLANT, ROBERT K. (*see* DONALDSON AND PLANT), 255
POCUIS, LEO (*see* KANE ET AL.), 1050
POLIAK, AARON, SMITH, JOSEPH J., FRIEDLANDER, DAVID, AND ROMNEY, SEYMOUR L. Estrogen synthesis in castrated women: the action of human chorionic gonadotropin and corticotropin, 376
POSNER, HERBERT S. (*see* ELIASON AND POSNER), 943
POWELL, L. C., JR., AND SEYMOUR, R. J. Effects of depomedroxyprogesterone acetate as a contraceptive agent, 36
PRATT, JOSEPH H. (*see* WOODWORTH ET AL.), 501
PRYSTOWSKY, HARRY, BURGESS, PAUL, AND HELD, BEREL. Research in delivery of female health care, 1055

XUM

— (*see* Held, Burgess, and Prystowsky), 803
— (*see* Held and Prystowsky), 295
— (*see* Jolly et al.), 291

Q

Queenan, John T., Gadow, Enrique C., and Lopes, Antonio C. Role of spontaneous abortion in Rh immunization, 128 (Comm. in brief)

R

Ramirez-Robles, Susana (*see* Castañeda et al.), 1002
Ratnam, S. S. (*see* Teoh, Dawood, and Ratnam), 415
Rawls, William E., Gardner, Herman L., Flanders, Raymond W., Lowry, Sandra P., Kaufman, Raymond H., and Melnick, Joseph L. Genital herpes in two social groups, 682
Remedio, Maria R. (*see* Cibils et al.), 481
Reyner, Franklin C. (*see* Holub, Reyner, and Forman), 362
Reynolds, W. Ann, Pitkin, Roy M., and Hodari, A. Alberto. Transfer of radioactive iodopyracet (^{131}I-Diodrast) from the fetus into amniotic fluid after tracheal ligation, 566.
Reynolds, William A. (*see* Drukker et al.), 9
Richardson, A. Cullen, and Webber, Lynn D. The noetic dimension of human reproduction, 808
Richart, Ralph M. (*see* Ferenczy, Richart, and Okagaki), 590
Roberts, James M., and Laros, Russell K., Jr. Hemorrhagic and endotoxic shock: a pathophysiologic approach to diagnosis and management, 1041
Robertson, M. Gary, and Miller, Richard E. C. Massive cystic granulosa-theca cell tumor: report of a case, 407
Robinson, Henry A., Jr., Sherrod, Dale B., and Malcarney, Courtney N. Review of child molestation and alleged rape cases, 405
Roddick, J. W., Jr. (*see* van Nagell, Roddick, and Lowin), 973
Romero, Irma (*see* Sobrevilla, Romero, and Kruger), 596
Romney, Seymour L. (*see* Poliak et al.), 376
Rosenfield, Allan G. Family planning: an expanded role for paramedical personnel, 1030 (Current developments)
Rowland, Thomas C., Jr. Severe peritonitis complicating an intrauterine contraceptive device, 786
Rozada, Hector (*see* Cibils et al.), 481
Rutledge, Felix (*see* Creasman and Rutledge), 773
Rybo, Göran (*see* Nilsson and Rybo), 713

S

Sala, M. A. (*see* Benedetti et al.), 742
Samuel, Irwin (*see* Paranjothy and Samuel), 410
Sandberg, Eugene C., and Jacobs, Ralph I. Psychology of the misuse and rejection of contraception, 227
Santamaria-Urrego, Alfonso, and Epstein, Jeanne A. Leukocyte alkaline phosphatase activity in symptomatic users of intrauterine contraceptive devices, 461
Sauter, Ronald W. (*see* Pearson and Sauter), 560
Savard, Kenneth (*see* LeMaire et al.), 612
Savory, John, and Monif, Gilles R. G. Serum calcium levels in cord sera of the progeny of mothers treated with magnesium sulfate for toxemia of pregnancy, 556
Sbarra, A. J. (*see* Jacobs et al.), 911
Schenker, J. G. (see Aronson, Magora, and Schenker), 997
— (*see* Kapitulnik, Schenker, and Blondheim), 62
Schiller, Patricia J. (*see* Wolff, Nielson, and Schiller), 730
Schmitz, John T. Pregnant patients with burns, 57
Seymour, R. J. (*see* Powell and Seymour), 36
Sharf, M., Graff, G., and Kuzminsky, T. Quinestrol therapy in hypomucorrhea due to clomiphene, 423 (Comm. in brief)
Sheldon, Richard S., Decker, David G., and Lee, Raymond A. Recurrence of carcinoma of the cervix 25 years after primary surgical treatment: report of a case, 1140 (Comm. in brief)
Sherrod, Dale B. (*see* Robinson, Sherrod, and Malcarney), 405
Shier, R. W. (*see* Hamrin et al.), 422
Shingleton, Hugh M., Fowler, Wesley C., Jr., and Koch, Gary G. Pretreatment evaluation in cervical cancer, 385
Sica-Blanco, Yamandu (*see* Cibils et al.), 481
Silverberg, Steven G. Malignant mixed mesodermal tumor of the uterus: an ultrastructural study, 702
—, Willson, Mary Anne, and Board, John A. Hemangiopericytoma of the uterus: an ultrastructural study, 397
Smith, Delbert L. Amniotic fluid volume, 166
Smith, Joseph J. (*see* Poliak et al.), 376
Smith, L. P., McLean, A. P. H., and Maughan, G. B. *Clostridium welchii* septicotoxemia, 135 (Current developments)
Smith, Olive W., Stuart, Jean M., and McArthur, Janet W. Urinary estrogens in spontaneous and induced ovulation in women, 82
Sobrero, Aquiles J., Brakman, Pieter, and Astrup, Tage. Effects on blood fibrinolysis of an oral contraceptive low in progestin (Ovulen), 122 (Comm. in brief)
Sobrevilla, Luis A., Romero, Irma, and Kruger, Francisco. Estriol levels of cord blood, maternal venous blood, and amniotic fluid at delivery at high altitude, 596 (Comm. in brief)
Sofuni, Toshio (*see* Kadotani et al.), 98
Spangler, Arthur S., and Emerson, Kendall, Jr. Estrogen levels and estrogen therapy in papular dermatitis of pregnancy, 534
Speilacy, William N. (*see* LeMaire et al.), 612
Staflova, Jaroslava. Relation of the size of the eye to the age and length in human ontogenesis, 126 (Comm. in brief)
Stolte, L. A. M. (*see* Braaksma et al.), 1075
Strauss, R. R. (*see* Jacobs et al.), 911
Strauss, William F. (*see* Driscoll et al.), 1083
Stuart, Jean M. (*see* Smith, Stuart, and McArthur), 82
Sybulski, S. Determination of free estradiol-17β levels in pregnancy plasma by competitive protein-binding method, 304
—, Toth, A., and Maughan, G. B. The influence of experimental renal hypertension on pregnancy in the rat, 314
Symmonds, Richard E. (*see* Malkasian and Symmonds), 1020

T

Talledo, O. E. (*see* McDonough, Talledo, and Owen), 1017
Tarlo, P. A. (*see* Välimäki and Tarlo), 343
Tavolga, William N. (*see* Blinick, Tavolga, and Antopol), 948
Tejuja, Sabita. Clinical significance of hemoglobin levels in users of the IUD—a 4 year study, 735 (Comm. in brief)
Teoh, Eng Soon, Dawood, M. Yusoff, and Ratnam, S. S. Epidemiology of hydatidiform mole in Singapore, 415 (Current opinion)
Teter, J. (*see* Zárate et al.), 875
Thomas, Carole L. (*see* Lees et al.), 68
Thomas, P. (*see* Tyson et al.), 934
Thompson, George R. (*see* Ledger, Thompson, and Grobelny), 494

XUM

Toth, A. (*see* Sybulski, Toth, and Maughan), 314
Townsend, Duane E. (*see* Gondos, Townsend, and Ostergard), 107
Tucker, Beatrice E. (*see* Benaron and Tucker), 1113, 1119
Twardock, A. Robert, Kuo, Eric Yung-Huei, Austin, M. K., and Hopkins, J. R. Protein binding of calcium and strontium in guinea pig maternal and fetal blood plasma, 1008 (Current investigation)
Tyson, J. E., Jones, G. S., Huth, J., and Thomas, P. Patterns of insulin, growth hormone, and placental lactogen release after protein and glucose-protein ingestion in pregnancy, 934

U

Ullery, John C. (*see* Boutselis, Ullery, and Charme), 984
Underwood, Paul B., Jr., and Hester, Lawrence L., Jr. Diagnosis and treatment of premalignant lesions of the vulva: a review, 849

V

Välimäki, I., and Tarlo, P. A. Heart rate patterns and apnea in newborn infants, 343
Van Damme, Olga (*see* Koren and Bloch), 919
van der Molen, H. J. (*see* Csapo et al.), 630
van der Weide, H. (*see* Braaksma et al.), 1075
van Nagell, John R., Jr., Roddick, J. W., Jr., and Lowin, D. M. The staging of cervical cancer: inevitable discrepancies between clinical staging and pathologic findings, 973
Veth, Ir. A. F. L. (*see* Braaksma et al.), 1075
Villee, Claude A. (*see* Gabbe and Villee), 543

W

Wages, Harry S. (*see* Nelson et al.), 73
Wagner, Arnold L., Jr., and McElin, Thomas W. Successful pregnancy following artificial hyperimmunization to hr′(c), 739 (Comm. in brief)
— (*see* McElin and Wagner), 883
Wanless, John F. Carcinoma of the cervix in pregnancy, 173
Ware, H. Hudnall. The second twin, 865
Watson, Millie S. (*see* Givens et al.), 959
Webber, Lynn D. (*see* Richardson and Webber), 808
Weber, Charles E. Postmortem cesarean section: review of the literature and case reports, 158
Westin, Björn. Infant resuscitation and prevention of mental retardation, 1134
Wheeler, Jenette H. (*see* Nahmias et al.), 825
Whybrew, D. W. (*see* Morrison et al.), 619
Wiest, W. G. (*see* Csapo et al.), 630
Wilkerson, Ronald G. (*see* Czerwinski et al.), 42, 677
Williams, David (*see* Niven, Williams, and Zeegen), 1100
Willis, T. (*see* Willoughby et al.), 663
Willoughby, H. W., Willis, T., Lee, T. K., Fuchigami, S., Kazeef, M. T., and Desjardins, P. D. Study of bilirubin in amniotic fluid of rats with obstructive jaundice, 663
Willson, Mary Anne (*see* Silverberg, Willson, and Board), 397
Wilroy, Sidney (*see* Givens et al.), 959
Wilson, Kathleen H. (*see* Landesman et al.), 111
Wilson, Robert B. (*see* Woodworth et al.), 501
Wiser, Winfred L. (*see* Givens et al.), 959
— (*see* Morrison et al.), 619
Wodzicki, Agnes (*see* Manning et al.), 900
Wolff, John R., Nielson, Paul E., and Schiller, Patricia J. Therapeutic abortion: attitudes of medical personnel leading to complications in patient care, 730 (Current opinion)
Woodworth, Hugh, Jr., Dockerty, Malcolm B., Wilson, Robert B., and Pratt, Joseph H. Papillary hidradenoma of the vulva: a clinicopathologic study of 69 cases, 501
Woolever, C. Allan (*see* Kim et al.), 658

Y

Young, Peter C. M. (see Kim et al.), 658

Z

Zárate, A., Karchmer, S., Esteves, R., and Teter, J. Gonadal dysgenesis with isolated clitoromegaly, XY karyotype, and bilateral gonocytoma with massive Leydig cell hyperplasia, 875 (Comm. in brief)
Zeegen, Ronald (*see* Niven, Williams, and Zeegen), 1100
Zwirek, Stephen J. (*see* Duhring and Zwirek), 670

XUM

Subject index*

A

Abortion, aspiration, without cervical dilation (Goldsmith and Margolis), 580 (Current investigation)
induced, in New York City (Hall), 601
midtrimester, complications of amnioinfusion with hypertonic saline for (Goodlin), 885 (Comm. in brief)
spontaneous, role in Rh immunization (Queenan, Gadow, and Lopes), 128 (Comm. in brief)
therapeutic, attitudes of medical personnel leading to complications in patient care (Wolff, Nielson, and Schiller), 730 (Current opinion)
follow-up study (Margolis et al.), 243
vaginal hysterectomy as modality for (Laufe and Kreutner), 1096
Adenocarcinoma arising within cervical endometriosis and invading adjacent vagina (Chang and Maddox), 1015 (Comm. in brief)
of endometriosis of ovary: case report (Mabry), 783
Adenofibroma, papillary, of uterine cervix (Abell), 990
Adenomatous hyperplasia of endometrium associated with delayed manifestation of estrogen which produced ovarian tumor: case report (Hunter), 782
Adenomyosis, clinical and pathologic appraisal (Molitor), 275
Amenorrhea, post-pill and pill-related (Gambrell, Greenblatt, and Mahesh), 838
American births, 3 patterns of seasonality of (Lyster), 1025 (Current opinion)
Amine, sympathomimetic (ritodrine), relaxant action of, on uterus during term labor (Landesman et al.), 111 (Current investigation)
Aminophylline, inhibition of uterine motility by (Coutinho and Lopes), 726 (Current investigation)
Aminoinfusion with hypertonic saline for midtrimester abortion, complications of (Goodlin), 885 (Comm. in brief)
Amnion, human, in vitro, hexosamines and their biosynthesis in (Mazurkiewicz-Kilczewska), 355
prenatal intrusion into (Fort), 432 (Current developments)
Amniotic fluid, creatinine content of, in cases of retarded fetal growth (Moore, Murphy, and Davis), 908
estriol levels at delivery at high altitude (Sobrevilla, Romero, and Kruger), 596 (Comm. in brief)
metheme-contaminated, diagnosis of fetal hemolytic disease by chemical test in case with (Kapitulnik, Schenker, and Blondheim), 62
of rats with obstructive jaundice, bilirubin in (Willoughby et al.), 663
transfer of radioactive iodopyracet from fetus into, after tracheal ligation (Reynolds, Pitkin, and Hodari), 566
volume (Smith), 166
Androgen production, long-term effect of wedge resection on, in case of polycystic ovarian disease (Judd, Barnes, and Kliman), 1061
Anesthesia, continous epidural, intrauterine fetal lidocaine concentrations during (Fox et al.), 896
Anesthetic management for fetal operation in subhuman primate (Morishima et al.), 926
Apnea and heart rate patterns in newborn infants (Välimäki and Tarlo), 343
Arterial pressure, changes in, following operation, effects of progesterone on (Burstyn, Lloyd, and Horrobin), 994
Arteries, isolated human uterine, responses to vasoactive drugs (Gough and Dyer), 625
Ascites, dynamics of body fluids following rapid removal of large volumes of (Halpin and McCann), 103
Asphyxia, brain damage during, new approaches to preventing (Miller), 1125
Aspiration abortion without cervical dilation (Goldsmith and Margolis), 580 (Current investigation)

B

Bacteriuria, significant, evaluation of first morning urine to detect (Czerwinski et al.), 42
further evaluation of Griess test to detect (Czerwinski et al.), 677
Ballantyne and triple edema (Kaiser), 115 (Current opinion)
Bilirubin in amniotic fluid of rats with obstructive jaundice (Willoughby et al.), 663
Birth cries of newborn infants from narcotic-addicted and normal mothers, variations in (Blinick, Tavolga, and Antopol), 948
Births, American, 3 patterns of seasonality of (Lyster), 1025 (Current opinion)
Bladder, urinary, vagina from (Carmichael) 130 (Comm. in brief)
Blastocysts, rabbit, uteroglobin and serum proteins of, as affected by maternal factors (Hamana and Hafez), 572
Blood, cord and maternal venous, estriol levels at delivery at high altitude (Sobrevilla, Romero, and Kruger), 596 (Comm. in brief)
exchange transfusion, maternal-fetal, in fetal lambs, effects of (Kirschbaum, Brinkman, and Assali), 190
fibrinolysis of oral contraceptive low in progestin (Ovulen) (Sobrero, Brakman, and Astrup), 122 (Comm. in brief)
flow, maternal placental and myometrial, of rhesus monkey during uterine contractions (Lees et al.), 68
plasma, guinea pig maternal and fetal, protein binding of calcium and strontium in (Twardock et al.), 1008 (Current investigation)
Rh-positive, prevention of Rh immunization after transfusion with (McElrath and Ascari), 309
sampling, fetal scalp, complications of (Nelson et al.), 737 (Comm. in brief)
transfusion, intrauterine, neurologic and psychometric follow-up study of Rh-erythroblastotic infants requiring (Oh et al.), 330
viscosity, effect on, of oral contraceptives (Aronson, Magora, and Schenkar), 997
Boards, licensing and certification, role in continuing medical education (McNulty), 268
Books received 600, 890, 1150
Brain damage during asphyxia, new approaches to preventing (Miller), 1125
Breech delivery (Helfferich and Favier), 58
Burns, pregnant patients with (Schmitz), 57

C

Calcium levels in cord sera in progeny of mothers treated with magnesium sulfate for toxemia of pregnancy (Savory and Monif), 556
and strontium, protein binding of, in guinea pig maternal and fetal blood plasma (Twardock et al.), 1008 (Current investigation)

*May 1, 1-150; May 15, 151-290; June 1, 291-456; June 15, 457-600; July 1, 601-762; July 15, 763-890; August 1, 891-1040; August 15, 1041-1170.

XUM

Cancer, cervical, pretreatment evaluation in (Shingleton, Fowler, and Koch), 385
staging of (van Nagell, Roddick, and Lowin), 973
variations in response to therapy for (Isaacs), 390
Carbon-14–dieldrin, reduced passage of, to fetal rat by phenobarbital but not by 8 other drugs or dieldrin (Eliason and Posner), 943
Carcinoid tumor, ovarian, and term pregnancy (Hoch et al.), 1141 (Comm. in brief)
Carcinoma of cervix, comparison of 2 radiation therapy-treatment plans for (Boronow and Hickman), 693
in pregnancy (Wanless), 173
recurrence 25 years after primary surgical treatment, report of case (Sheldon, Decker, and Lee), 1140 (Comm. in brief)
relationship to, of herpes simplex genital infection (Centifanto et al.), 690
in situ, endometrial involvement by (Ferenczy, Richart, and Okagaki), 590 (Comm. in brief)
squamous dysplasia and, cytologic diagnosis of (Gondos, Townsend, and Ostergard), 107
recurrent endometrial, progestogen treatment of (Malkasian et al.), 15
Stage 1A (microinvasive), of cervix, diagnosis and management of (Boutselis, Ullery, and Charme), 984
Carcinosarcoma of ovary (Fenn and Abell), 1066
Castrated women, estrogen synthesis in: action of human chorionic gonadotropin and corticotropin (Poliak et al.), 376
Cecum, acute segmental dilatation of, without mechanical obstruction following cesarean section (Leventhal, Evans, and Levin), 538
Cells, human, normal and malignant, effect of diagnostic and therapeutic intensities of ultrasonics on (Loch, Fischer, and Kuwert), 457
Central Association of Obstetricians and Gynecologists, transactions of thirty-eighth annual meeting, continued, 1-41
Cerebrospinal fluid, enzyme levels in, in eclampsia (Morrison et al.), 619
Cervix, assay of tissue plasminogen activator in (Glas-Greenwalt, Beller, and Astrup), 721
cancer, pretreatment evaluation (Shingleton, Fowler, and Koch), 385
staging of (van Nagell, Roddick, and Lowin), 973
variations in response to therapy for (Isaacs), 390
carcinoma, comparison of 2 radiation therapy-treatment plans for (Boronow and Hickman), 693
in pregnancy (Wanless), 173
recurrence 25 years after primary surgical treatment, report of case (Sheldon, Decker, and Lee), 1140 (Comm. in brief)
relationship to, of herpes simplex genital infection (Centifanto et al.), 690
in situ, endometrial involvement by (Ferenczy, Richart, and Okagaki), 590 (Comm. in brief)
squamous dysplasia and, cytologic diagnosis of (Gondos, Townsend, and Ostergard), 107
Stage 1A (microinvasive) of, diagnosis and management of (Boutselis, Ullery, and Charme), 984
dilation, aspiration abortion without (Goldsmith and Margolis), 580 (Current investigation)
gradual and safe, laminaria tent for (Manabe), 743 (Comm. in brief)
endometriosis, adenocarcinoma arising within, and invading adjacent vagina (Chang and Maddox), 1015 (Comm. in brief)
papillary adenofibroma of (Abell), 990
refractory involvement of, in case of pemphigus vulgaris (Friedman, Haim, and Paldi), 1023 (Comm. in brief)
vesicular lesions of (Burd and Esterly), 887 (Comm. in brief)
Cesarean section, acute segmental dilatation of cecum without mechanical obstruction following (Leventhal, Evans, and Levin), 538
postmortem, review of literature and case reports (Weber), 158
ureterouterine fistula after (El Mahgoub and El Zeniny), 881 (Comm. in brief)
Chemical test, diagnosis of fetal hemolytic disease by, in case with metheme-contaminated amniotic fluid (Kapitulnik, Schenker, and Blondheim), 62
Child molestation and alleged rape cases, review of (Robinson, Sherrod, and Malcarney), 405
Chloride, fat, and water in fetal growth-retarded rat (Lugo, O'Neil, and Cassady), 358
Cholinesterase, lung, and estradiol-17β, dose-time relationship (Abdul-Karim, Erhart, and Drucker), 424 (Comm. in brief)
Choriocarcinoma, rare case of, recurring 12 years after hysterectomy (Paranjothy and Samuel), 410
Chorionic gonadotropin, human, effect on intrauterine skin allograft survival in rats (Kaye et al.), 640
exogenous, maintenance of human corpus luteum (LeMaire et al.), 612
villi, human, syncytiotrophoblast of, mitotic activity in (Moe), 431 (Comm. in brief)
and syncytial sprouts in spontaneous and induced abortions (Fujikura, Ezaki, and Nishimura), 547
Chromosome, Y, fluorescence of, rapid test to determine fetal sex (Khudr and Benirschke), 1091
Classic pages, 121, 421, 588, 734, 874, 1029, 1139
Clitoromegaly, XY karyotype, and bilateral gonocytoma with massive Leydig cell hyperplasia (Zárate et al.), 875 (Comm. in brief)
Clomiphene, hypomucorrhea due to, quinestrol therapy in (Sharf, Graff, and Kuzminsky), 423 (Comm. in brief)
Clostridium welchii septicotoxemia (Smith, McLean, and Maughan), 135 (Current developments)
Communications in brief, 122-134, 422-431, 589-597, 735-745, 875-888, 1015-1023, 1140-1146
Community hospitals and professional societies, role in continuing medical education (Hayden), 269
Conception control by cyclic injections of norethisterone enanthate and estradiol unduculate (Karim and El Mahgoub), 740 (Comm. in brief)
Cone-hysterectomy morbidity, factors affecting (DeCenzo, Malo, and Cavanagh), 380
Contraception, C-reactive protein in (Connell and Connell), 633
oral, serum alpha-1 acid glycoprotein concentration with (Mendenhall), 924
psychology of misuse and rejection of (Sandberg and Jacobs), 227
Contraceptive(s), effects of, depo-medroxyprogesterone acetate as (Powell and Seymour), 36
oral, effect on blood viscosity (Aronson, Magora, and Schenkar), 997
and exacerbation of lupus erythematosus (Chapel and Burns), 366
low in progestin (Ovulen), effects on blood fibrinolysis (Sobrero, Brakman, and Astrup), 122 (Comm. in brief)
self-administration of, medication monitor for studying (Moulding), 1143 (Comm. in brief)
use, motivational factors affecting (Kane et al.), 1050
Contraction records obtained from nonpregnant uterus in vivo, comparison of digital and nondigital analysis of (Braaksma et al.), 1075
Copper and zinc, maternal-fetal metabolism of, at term (Henkin, Marshall, and Meret), 131 (Comm. in brief)
Cord blood, estriol levels at delivery at high altitude (Sobrevilla, Romero, and Kruger), 596 (Comm. in brief)

Cord—Cont'd
sera of progeny of mothers treated with magnesium sulfate for toxemia of pregnancy, serum calcium levels in (Savory and Monif), 556
Corpora lutea of binovular twin pregnancy, malignant melanoma in (El-Minawi, Hori, and Donegan), 882 (Comm. in brief)
Corpus luteum, human, function of, during puerperium (Le Maire et al.), 612
maintenance by exogenous human chorionic gonadotropin (LeMaire et al.), 612
Correspondence 598-599, 889, 1147-1149
Corticotropin, action of, in castrated women (Poliak et al.), 376
Creatinine content of amniotic fluid in cases of retarded fetal growth (Moore, Murphy, and Davis), 908
Cryosurgery, destruction of endometrium by (Droegemueller, Makowski, and Macsalka), 467
Culture, dilemma of women in our: gynecologic repercussions (Easley), 858
Current developments, 135-149, 432-455, 746-761, 1030-1041
investigation, 111-114, 412-414, 580-587, 726-729, 1008-1014
opinion, 115-120, 415-420, 730-733, 1025-1028
Cystic granulosa-theca cell tumor, massive, report of case (Robertson and Miller), 407
Cytologic diagnosis of squamous dysplasia and carcinoma of cervix (Gondos, Townsend, and Ostergard), 107
Cytology, peritoneal, prognostic value in gynecologic malignant disease (Creasman and Rutledge), 773

D

Deaths, maternal, socioeconomic and health challenge (Klein and Karten), 298
Delivery, breech (Helfferich and Favier), 58
at high altitude, estriol levels of cord blood, maternal venous blood, and amniotic fluid at (Sobrevilla, Romero, and Kruger), 596 (Comm. in brief)
Depo-medroxyprogesterone acetate as contraceptive agent, effects of (Powell and Seymour), 36
Dermatitis, papular, of pregnancy, estrogen levels and estrogen therapy in (Spangler and Emerson), 534
Dieldrin, carbon-14 labeled, reduced passage of, to fetal rat by phenobarbital but not by 8 other drugs or dieldrin (Eliason and Posner), 943
Digital and nondigital analysis of contraction records obtained from nonpregnant uterus in vivo, comparison of (Braaksma et al.), 1075
Diodrast, ^{131}I-labeled, transfer from fetus into amniotic fluid after tracheal ligation (Reynolds, Pitkin, and Hodari), 566
Disease, fetal hemolytic, diagnosis of, by chemical test in case with metheme-contaminated amniotic fluid (Kapitulnik, Schenker, and Blondheim), 62
Ductus venosus and phrenic nerves in human embryos and fetuses, observations on (Pearson and Sauter), 560
Dysplasia, squamous, and carcinoma of cervix, cytologic diagnosis of (Gondos, Townsend, and Ostergard), 107

E

Eclampsia, enzyme levels in serum and cerebrospinal fluid in (Morrison et al.), 619
Ectopic pregnancy, chronic, ureteral obstruction in (Hovadhanakul, Eachempati, and Cavanagh), 311
Edema, triple (Ballantyne and Kaiser), 115 (Current opinion)
Education, continuing medical, role of community hospitals and professional societies in (Hayden), 269
licensing boards and certification boards in (McNulty), 268
university medical center in (Page), 266
of obstetricians and gynecologists (Breese), 265
Embryos, human, and fetuses, observations on phrenic nerves and ductus venosus in (Pearson and Sauter), 560
Endometrial carcinoma, recurrent, progestogen treatment of (Malkasian et al.), 15
involvement by cervical carcinoma in situ (Ferenczy, Richart, and Okagaki), 590 (Comm. in brief)
Endometriosis, cervical, adenocarcinoma arising within, and invading adjacent vagina (Chang and Maddox), 1015 (Comm. in brief)
externa in Ibadan, Nigeria (Aimakhu and Osunkoya), 489
malignant pleural (Labay and Feiner), 478
of ovary, adenocarcinoma of: case report (Mabry), 783
Endometrium, adenomatous hyperplasia of, associated with delayed manifestation of estrogen which produced ovarian tumor: case report (Hunter), 782
destruction of, by cryosurgery (Droegemueller, Makowski, and Macsalka), 467
Endotoxic shock, pathophysiologic approach to diagnosis and management (Roberts and Laros), 1041
Enzyme levels in serum and cerebrospinal fluid in eclampsia (Morrison et al.), 619
Estradiol-17β levels in pregnancy plasma, determination by competitive protein-binding method (Sybulski), 304
and lung cholinesterase, dose-time relationship (Abdul-Karim, Erhart, and Drucker), 424 (Comm. in brief)
unducelate and norethisterone enanthate, conception control by cyclic injections of (Karim and El Mahgoub), 740 (Comm. in brief)
Estriol determinations, urinary, in high-risk pregnancy in community hospital (Hoag), 203
excretion, urinary, and hemoglobinopathies of pregnancy (Dajani, Gumpel, and Cleary), 125 (Comm. in brief)
and 15α-hydroxyestriol, urinary excretion of, in complicated pregnancies (Heikkilä and Luukkainen), 509
levels of cord blood, maternal venous blood, and amniotic fluid at delivery at high altitude (Sobrevilla, Romero, and Kruger), 596 (Comm. in brief)
Estrogen, delayed manifestation of, which produced ovarian tumor, adenomatous hyperplasia of endometrium associated with: case report (Hunter), 782
levels and estrogen therapy in papular dermatitis of pregnancy (Spangler and Emerson), 534
synthesis in castrated women: action of human chorionic gonadotropin and corticotropin (Poliak et al.), 376
urinary, in spontaneous and induced ovulation in women (Smith, Stuart, and McArthur), 82
Ethanol, failure to prevent premature labor with (Graff), 878 (Comm. in brief)
C^{14}-labeled, placental transfer of (Idänpään-Heikkilä et al.), 426 (Comm. in brief)
Exenteration, pelvic, critical analysis of ten-year experience with use of team approach (Galante and Hill), 180
Exfoliation, iatrogenic vaginal membranous (Márquez-Monter, Ortiz-Balderrama, and Lara), 1018 (Comm. in brief)
Extrahepatic portal hypertension, pregnancy complicated by, review of literature and report of 2 cases (Donaldson and Plant), 255
Extraovular transcervical injection of rivanol for interruption of pregnancy (Nabriski et al.), 54
Eye, size of, relation to age and length in human ontogenesis (Staflova), 126 (Comm. in brief)

F

Fallopian tube, prolapse of, following abdominal hysterectomy (Halpin), 880 (Comm. in brief)
Familial ovarian hyperthecosis, study of 2 families (Givens et al.), 959
Family planning, expanded role for paramedical personnel (Rosenfield), 1030 (Current developments)

XUM

Family planning—Cont'd
program, hospital-based (Batts), 49
Fat, chloride, and water in fetal growth-retarded rat (Lugo, O'Neil, and Cassady), 358
Female health care, research in delivery of (Prystowsky, Burgess, and Held), 1055
decade's experience in resident education and university-based mobile health care team (Held and Prystowsky), 295
effort and effectiveness (Held, Burgess, and Prystowsky), 803
recipients' reaction (Jolly et al.), 291
Feminization syndrome, testicular, metabolic studies in patient with (Castañeda et al.), 1002
testicular, with immature Leydig cells, ultrastructural demonstration (Damjanov, Drobnjak, and Griselj), 594 (Comm. in brief)
Fetal distress, intrapartum clinical assessment of (Hobel), 336
growth, retarded, creatinine content of amniotic fluid in cases of (Moore, Murphy, and Davis), 908
rat, carcass water, fat, and chloride in (Lugo, O'Neil, and Cassady), 358
heart rate responses and plethysmographic pulse, intrapartum (Goodlin), 210
hemolytic disease, diagnosis of, by chemical test in case with metheme-contaminated amniotic fluid (Kapitulnik, Schenker, and Blondheim), 62
lidocaine concentrations, intrauterine, during continuous epidural anesthesia (Fox et al.), 895
maternal blood exchange transfusion in fetal lambs, effects of (Kirschbaum, Brinkman, and Assali), 190
metabolism of copper and zinc at term (Henkin, Marshall, and Meret), 131 (Comm. in brief)
monitoring, continous, uterine perforation as complication of (Haverkamp and Bowes), 667
operation in subhuman primate, anesthetic management for (Morishima et al.), 926
ovaries, human, germ cells in, ultrastructural observations on (Gondos, Bhiraleus, and Hobel), 644
rat, reduced passage of carbon-14–dieldrin to, by phenobarbital but not by 8 other drugs or dieldrin (Eliason and Posner), 943
scalp blood sampling, complication of (Nelson et al.), 737 (Comm. in brief)
sex, fluorescence of Y chromosome rapid test to determine (Khudr and Benirschke), 1091
transfusion, dangers of, importance of placental location (Cassady, Barnett, and Ceballos), 672
intrauterine, 5 years' experience (Duhring and Zwirek), 670
Fetoplacental function when fetal heart is malformed (Macafee et al.), 653
Fetus, congenital heart disease of, obstetric complications (Macafee et al.), 653
clinical considerations (Macafee, Beischer, and Fortune), 891
human, and embryos, observations on phrenic nerves and ductus venosus in (Pearson and Sauter), 560
syndrome, dead, another mechanism of producing hypofibrinogenemia with (Beck and Hill), 123 (Comm. in brief)
transfer of radioactive iodopyracet from, into amniotic fluid after tracheal ligation (Reynolds, Pitkin, and Hodari), 566
Fibrinolysis, blood, effects on, of oral contraceptive low in progestin (Ovulen) (Sobrero, Brakman, and Astrup), 122 (Comm. in brief)
Fibrinolytic system in late pregnancy, labor, and early puerperium (Manning et al.), 900
Fibromyomas of human uterus, assay of tissue plasminogen activator in (Glas-Greenwalt, Beller, and Astrup), 721
Fistulas, radiation-induced vaginal, management of (Boronow), 1
ureterouterine, after cesarean section (El Mahgoub and El Zeniny), 881 (Comm. in brief)
Fluorescence of Y chromosome, rapid test to determine fetal sex (Khudr and Benirschke), 1091

G

Galactorrhea, post-pill and pill-related (Gambrell, Greenblatt, and Mahesh), 838
Genital herpes in 2 social groups (Rawls et al.), 682
maternal, perinatal risk associated with (Nahmias et al.), 825
relationship of, to carcinoma of cervix (Centifanto et al.), 690
Germ cells in human fetal ovaries, ultrastructural observations on (Gondos, Bhiraleus, and Hobel), 644
Glucose-protein and protein ingestion in pregnancy, patterns of insulin, growth hormone, and placental lactogen release after (Tyson et al.), 934
Glycoprotein, serum alpha-1 acid, concentration in pregnancy and with oral contraception (Mendenhall), 924
Gonadal dysgenesis with isolated clitoromegaly, XY karotype, and bilateral gonocytoma with massive Leydig cell hyperplasia (Zárate et al.), 875 (Comm. in brief)
Gonadotropin, human chorionic, action of, in castrated women (Poliak et al.), 376
7 hour radioimmunoassay of (Halpern, Eckman, and Dolkart), 412 (Current investigation)
Gonocytoma, bilateral, clitoromegaly, and XY karyotype with massive Leydig cell hyperplasia (Zárate et al.), 875 (Comm. in brief)
Graft, peritoneal, in total pelvic exenteration (Morley and Lindenauer), 696
Granulosa-theca cell tumors, clinical and pathologic study (Anderson, Levine, and MacMillan), 32
Griess test to detect significant bacteriuria, further evaluation (Czerwinski et al.), 677
Gynecologic malignant disease, prognostic value of peritoneal cytology in (Creasman and Rutledge), 773
and obstetric practice, pragmatic ideals in (McCain), 763
repercussions from dilemma of women in our culture (Easley), 858
surgery, fatal superinfection with Monila in (Fox), 285
Gynecologists and obstetricians, continuing education of (Breese), 265

H

Health care, female, research in delivery of (Prystowsky, Burgess, and Held), 1055
decade's experience in resident education and university-based mobile health care team (Held and Prystowsky), 295
effort and effectiveness (Held, Burgess, and Prystowsky), 803
recipients' reaction (Jolly et al.), 291
team, mobile, university-based, decade's experience (Held and Prystowsky), 295
Heart disease, congenital, fetal, obstetric complications (Macafee et al.), 653
clinical considerations (Macafee, Beischer, and Fortune), 891
rate of neonate, thermal effects on (Goodlin and Horowitz), 674
patterns and apnea in newborn infants (Välimäki and Tarlo), 343
responses, fetal, and plethysmographic pulse, intrapartum (Goodlin), 210
Hemangiopericytoma of uterus, ultrastructural study (Silverberg, Willson, and Board), 397

Hemolytic disease, fetal, diagnosis of, by chemical test in a case with metheme-contaminated amniotic fluid (Kapitulnik, Schenker, and Blondheim), 62
Hemoglobin levels in users of IUD, clinical significance, 4 year study (Tejuja), 735 (Comm. in brief)
Hemoglobinopathies of pregnancy, urinary estriol excretion and (Dajani, Gumpel, and Cleary), 125 (Comm. in brief)
Hemorrhagic shock, pathophysiologic approach to diagnosis and management (Roberts and Laros), 1041
Herpes, genital, in 2 social groups (Rawls et al.), 682
simplex virus infection, maternal genital, perinatal risk associated with (Nahmias et al.), 825
relationship of, to carcinoma of cervix (Centifanto et al.), 690
Hexosamines and their biosynthesis in human amnion in vitro (Mazurkiewicz-Kilczewska), 355
Hidradenoma, papillary, of vulva, clinicopathologic study of 69 cases (Woodworth et al.), 501
High altitude, estriol levels of cord blood, maternal venous blood, and amniotic fluid at delivery at (Sobrevilla, Romero, and Kruger), 596 (Comm. in brief)
Histochemical localization of lactate dehydrogenase isoenzymes in human placenta (Benedetti et al.), 742 (Comm. in brief)
Hormone, growth, insulin, and placental lactogen release, patterns of, after protein and glucose-protein ingestion in pregnancy (Tyson et al.), 934
sex, secretion of placenta left in situ after ovarian pregnancy (Kim et al.), 658
Hospital-based family planning program (Batts), 49
Hospitals, community, and professional societies, role in continuing medical education (Hayden), 269
Host-parasite interactions, role of phagocyte in (Jacobs et al.), 911
hr′(c), artificial hyperimmunization to, successful pregnancy following (Wagner and McElin), 739 (Comm. in brief)
Hydatidiform mole, epidemiology of, in Singapore (Teoh, Dawood, and Ratnam), 415 (Current opinion)
2-^{14}C-5-Hydroxytryptamine, uptake of, by uterine tissue of nonpregnant and pregnant rats (Koren and Bloch), 919
Hypertension, experimental renal, influence on pregnancy in rat (Sybulski, Toth, and Maughan), 314
extrahepatic portal, pregnancy complicated by, review of literature and report of 2 cases (Donaldson and Plant), 255
portal, pregnancy following surgical treatment of (Niven, Williams, and Zeegen), 1100
Hyperthecosis, familial ovarian, study of 2 families (Givens et al.), 959
Hypofibrinogenemia, another mechanism of producing, with dead fetus syndrome (Beck and Hill), 123 (Comm. in brief)
Hypomucorrhea due to clomiphene, quinestrol therapy in (Sharf, Graff, and Kuzminsky), 423 (Comm. in brief)
Hypoxic stress, chronic, and chronic nicotine absorption, vital effects of, during pregnancy and nursing period (Becker and Martin), 522
Hysterectomy, abdominal, prolapse of Fallopian tube following (Halpin), 880 (Comm. in brief)
cone, morbidity, factors affecting (DeCenzo, Malo, and Cavanagh), 380
effect on urinary mucopolysaccharide excretion (Ledger, Thompson, and Grobelny), 494
human luteal function following, as assessed by plasma progestin (Doyle et al.), 92
rare case of choriocarcinoma recurring 12 years after (Paranjothy and Samuel), 410
vaginal, modality for therapeutic abortion and sterilization (Laufe and Kreutner), 1096

I

Ibadan, Nigeria, endometriosis externa in (Aimakhu and Osunkoya), 489
Ideals, pragmatic, in obstetric-gynecologic practice (McCain), 763
Immunization, Rh, role of spontaneous abortion in (Queenan, Gadow, and Lopes), 128 (Comm. in brief)
Immunoglobulins G and M, serum, increased levels of, in women using IUCD's (Holub, Reyner, and Forman), 362
Infant, mature, survival at Chicago Maternity Center from 1959 to 1963, effect of factors beyond clinical control and obstetric management (Benaron and Tucker), 1119
resuscitation and prevention of mental retardation (Westin), 1134
Infection, maternal genital herpes simplex virus, perinatal risk associated with (Richardson and Webber), 808
Insulin, growth hormone, and placental lactogen release, patterns of, after protein and glucose-protein ingestion in pregnancy (Tyson et al.), 934
Intrapartum fetal heart rate responses and plethysmographic pulse (Goodlin), 210
Intrauterine fetal transfusion, 5 years' experience (Duhring and Zwirek), 670
Iodine levels, serum and cellular, relationship to hyperbactericidal activity of pregnancy (Jacobs et al.), 911
Iodopyracet, radioactive (^{131}I-Diodrast), transfer from fetus into amniotic fluid after tracheal ligation (Reynolds, Pitkin, and Hodari), 566
Iron supplementation, antenatal, effect on placental iron (Apte, Iyengar, and Nagarajan), 350
Isoenzymes, lactate dehydrogenase, histochemical localization of, in human placenta (Benedetti et al.), 742 (Comm. in brief)
Items, 150, 456, 762, 1042
IUCD, hemoglobin levels in users of, clinical significance of, 4 year study (Tejuja), 735 (Comm. in brief)
increased levels of serum immunoglobulins G and M in women using (Holub, Reyner, and Forman), 362
severe peritonitis complicating (Rowland), 786
symptomatic users of, leukocyte alkaline phosphatase activity in (Santamaria-Urrego and Epstein), 461

J

Jaundice, obstructive, bilirubin in amniotic fluid of rats with (Willoughby et al.), 663

L

Labor, fibrinolytic system in (Manning et al.), 900
human, peripheral plasma progesterone levels during (Csapo et al.), 630
premature, failure to prevent, with ethanol (Graff), 878 (Comm. in brief)
term, relaxant action of ritodrine (sympathomimetic amine) on uterus during (Landesman et al.), 111 (Current investigation)
Lactate dehydrogenase isoenzymes, histochemical localization of, in human placenta (Benedetti et al.), 742 (Comm. in brief)
Lactation following lobectomy (Crist, Hendricks, and Brenner), 738 (Comm. in brief)
Lactogen, naturally occurring antihuman placental, dependent upon preparations tested (Gusdon, Leake, and Burt), 65
release, placental, patterns of, after protein and glucose-protein ingestion in pregnancy (Tyson et al.), 934
serum placental, activity in patients with molar pregnancy and trophoblastic tumors, reliable index of malignancy (Goldstein), 583 (Current investigation)

XUM

Laminaria tent for gradual and safe cervical dilatation (Manabe), 743 (Comm. in brief)
Laparoscopic tubal sterilization (Peterson and Behrman), 24
Laparoscopy, modified instrument and method for (Hasson), 886 (Comm. in brief)
pelvic: instrument (modified) to provide uterine elevation (McDonough, Talledo, and Owen), 1017 (Comm. in brief)
Leukocyte alkaline phosphatase activity in symptomatic users of IUCD (Santamaria-Urrego and Epstein), 461
Leydig cell hyperplasia, massive, with isolated clitoromegaly, XY karyotype, and bilateral gonocytoma (Zárate et al.), 875 (Comm. in brief)
immature, testicular feminization with, ultrastructural demonstration (Damjanov, Drobnjak, and Griselj), 594 (Comm. in brief)
Licensing boards and certification boards, role in continuing medical education (McNulty), 268
Lidocaine concentrations, intrauterine fetal, during continuous epidural anesthesia (Fox et al.), 896
Lippes loop, uric acid in uterine fluid of women fitted with, and in deposits found on used devices (Dasgupta, Kar, and Engineer), 593 (Comm. in brief)
Liver, human, ultrastructure of, at end of normal pregnancy (Pérez et al.), 428 (Comm. in brief)
Lobectomy, lactation following (Crist, Hendricks, and Brenner), 738 (Comm. in brief)
Lung cholinesterase and estradiol-17β, dose-time relationship (Abdul-Karim, Erhart, and Drucker), 424 (Comm. in brief)
Lupus erythematosus, exacerbation of, and oral contraceptives (Chapel and Burns), 366
Luteal function, human, following hysterectomy as assessed by plasma progestin (Doyle et al.), 92
Lymphoma, primary malignant vaginal, case report (McElin and Wagner), 883 (Comm. in brief)

M

Magnesium sulfate, mothers treated with, for toxemia of pregnancy, serum calcium levels in cord sera of progeny of (Savory and Monif), 556
Malignant disease, gynecologic, prognostic value of peritoneal cytology in (Creasman and Rutledge), 773
melanoma in corpora lutea of binovular twin pregnancy (El-Minawi, Hori, and Donegan), 882 (Comm. in brief)
mixed mesodermal tumor of uterus, ultrastructural study (Silverberg), 702
and normal human cells in vitro, effect of diagnostic and therapeutic intensities of ultrasonics on (Loch, Fischer, and Kuwert), 457
ovarian teratoma, solid, case of 8 year survival (Malkasian and Symmonds), 1020 (Comm. in brief)
pleural endometriosis (Labay and Feiner), 478
vaginal lymphoma, primary, case report (McElin and Wagner), 883 (Comm. in brief)
Malignancy, reliable index of: serum placental lactogen activity in patients with molar pregnancy and trophoblastic tumors (Goldstein), 583 (Current investigation)
Mammalian oocytes, radiosensitivity of (Baker) 746, (Current developments)
Marfan syndrome in pregnancy, case report (Cava and Dreier), 250
Mass, pelvic, unusual, report of case (McCready, Miller, and Guzzetta), 1021 (Comm. in brief)
Maternal deaths, health and socioeconomic challenge (Klein and Karten), 298
factors, uteroglobin and serum proteins of rabbit blastocysts as affected by (Hamana and Hafez), 572
genital herpes simplex virus infection, perinatal risk associated with (Nahmias et al.), 825
Maternal—Cont'd
mortality rates at Chicago Maternity Center from 1959 to 1963, effect of obstetric management and factors beyond clinical control (Benaron and Tucker), 1113
placental and myometrial blood flow of rhesus monkey during uterine contractions (Lees et al.), 68
Maternal-fetal blood exchange transfusion in fetal lambs, effects of (Kirschbaum, Brinkman, and Assali), 190
metabolism of copper and zinc at term (Henkin, Marshall, and Meret), 131 (Comm. in brief)
Medical center, university, role in continuing medical education (Page), 266
education, continuing, role of community hospitals and professional societies in (Hayden), 269
licensing boards and certification boards in (McNulty), 268
Medication monitor for studying self-administration of oral contraceptives (Moulding), 1143 (Comm. in brief)
Medroxyprogesterone acetate, depo-, as contraceptive agent, effects of (Powell and Seymour), 36
Melanoma, malignant, in corpora lutea of binovular twin pregnancy (El-Minawi, Hori, and Donegan), 882 (Comm. in brief)
Meningitis, tuberculous, and pregnancy (Goldfitch), 1143 (Comm. in brief)
Menorrhagia, treatment of (Nilsson and Rybo), 713
Menstrual cycle, effect on urinary mucopolysaccharide excretion (Ledger, Thompson, and Grobelny), 494
Mental retardation, prevention of, and infant resuscitation (Westin), 1134
Mesodermal tumor, malignant mixed, of uterus, ultrastructural study (Silverberg), 702
Metabolic studies in patient with testicular feminization syndrome (Castañeda et al.), 1002
Metabolism, maternal-fetal, of copper and zinc at term (Henkin, Marshall, and Meret), 131 (Comm. in brief)
Metheme-contaminated amniotic fluid, diagnosis of fetal hemolytic disease by chemical test in case with (Kapitulnik, Schenker, and Blondheim), 62
Mitotic activity in syncytiotrophoblast of human chorionic villi (Moe), 431 (Comm. in brief)
Molar pregnancy and trophoblastic tumors, serum placental lactogen activity in patients with, reliable index of malignancy (Goldstein), 583 (Current investigation)
Mole, hydatidiform, epidemiology of, in Singapore (Teoh, Dawood, and Ratnam), 415 (Current opinion)
Molestation, child, and alleged rape cases, review of (Robinson, Sherrod, and Malcarney), 405
Monilia, fatal superinfection with, in gynecological surgery (Fox), 285
Motivational factors affecting contraceptive use (Kane et al.), 1050
Mucopolysaccharide excretion, urinary, effects of menstrual cycle, pregnancy, hysterectomy, and other operative procedures on (Ledger, Thompson, and Grobelny), 494
Myometrial changes in postpartum uterine involution (Dessouky), 318
and maternal placental blood flow of rhesus monkey during uterine contractions (Lees et al.), 68
Myometrium, assay of tissue plasminogen activator in (Glas-Greenwalt, Beller, and Astrup), 721

N

Narcotic-addicted and normal mothers, variations in birth cries of newborn infants from (Blinick, Tavolga, and Antopol), 948
Neonate, heart rate, thermal effects on (Goodlin and Horowitz), 674

XUM

Nerves, phrenic, and ductus venosus in human embryos and fetuses, observations on (Pearson and Sauter), 560
Neurologic and psychometric follow-up study of Rh-erythroblastotic infants requiring intrauterine blood transfusion (Oh et al.), 330
Newborn infants from narcotic-addicted and normal mothers, variations in birth cries of (Blinick, Tavolga, and Antopol), 948
Nicotine absorption, chronic, and chronic hypoxic stress, vital effects of, during pregnancy and nursing period (Becker and Martin), 522
Noetic dimension of human reproduction (Richardson and Webber), 808
Nondisjunction, secondary, causing regular trisomy 21 in offspring of mosaic trisomy 21 mother (Krmpotic and Hardin), 589 (Comm. in brief)
Norethisterone enanthate and estradiol unducelate, conception control by cyclic injections of (Karim and El Mahgoub), 740 (Comm. in brief)
Nursing period, vital effects of chronic nicotine absorption and chronic hypoxic stress during (Becker and Martin), 522
Nutrition in etiology of toxemia of pregnancy, role of (Chaudhuri), 46

O

Obstetric complications when fetus has congenital heart disease (Macafee et al.), 653
clinical considerations (Macafee, Beischer, and Fortune), 891
management and factors beyond clinical control, effect on maternal mortality rates at Chicago Maternity Center from 1959 to 1963 (Benaron and Tucker), 1113
effect on mature infant survival at Chicago Maternity Center from 1959 to 1963 (Benaron and Tucker), 1119
patients, nonregistered (Klein), 795
triptych, direction, innovation, exploration (Benson), 151
Obstetric-gynecologic practice, pragmatic ideals in (McCain), 763
Obstetricians and gynecologists, continuing education of (Breese), 265
Ontogenesis, human, relation of size of eye to age and length in (Staflova), 126 (Comm. in brief)
Oocytes, mammalian, radiosensitivity of (Baker), 746 (Current developments)
Oral contraceptive low in progestin (Ovulen), effects on blood fibrinolysis of (Sobrero, Brakman, and Astrup), 122 (Comm. in brief)
Ovarian carcinoid tumor and term pregnancy (Hoch et al.), 1141 (Comm. in brief)
disease, polycystic, long-term effect of wedge resection on androgen production in case of (Judd, Barnes, and Kliman), 1061
hyperthecosis, familial, study of 2 families (Givens et al.), 959
pregnancy, sex hormone secretion of placenta left in situ after (Kim et al.), 658
teratoma, solid malignant, case of 8 year survival (Malkasian and Symmonds), 1020 (Comm. in brief)
tumor, adenomatous hyperplasia of endometrium associated with delayed manifestation of estrogen which produced: case report (Hunter), 782
Ovary(ies), adenocarcinoma of endometriosis of: case report (Mabry), 783
carcinosarcoma of (Fenn and Abell), 1066
fetal, human, germ cells in, ultrastructural observations on (Gondos, Bhiraleus, and Hobel), 644
XY human female with (Kadotani et al.), 98
Oviduct, human, effect of sympathomimetic drugs on (Cibils et al.), 481
Ovulation, spontaneous and induced, in women, urinary estrogens in (Smith, Stuart, and McArthur), 82
Ovulen, effects on blood fibrinolysis (Sobrero, Brakman, and Astrup), 122 (Comm. in brief)
Oxytocin, intranasal, in 1,800 patients (Hoover), 788

P

Pacific Coast Obstetrical and Gynecological Society, transactions of thirty-seventh annual meeting, 151-290
Papanicolaou smear, abnormal, management of patient with (Holley), 979
Paramedical personnel, expanded role for, in family planning (Rosenfield), 1030 (Current developments)
Paraplegic patients, pregnancy in: 2 case reports (Oppenhimer), 784
Parasite-host interactions, role of phagocyte in (Jacobs et al.), 911
Patient presentation: panel discussion, 782-787
Pelvic exenteration, critical analysis of ten-year experience with use of team approach (Galante and Hill), 180
total, peritoneal graft in (Morley and Lindenauer), 696
laparoscopy: instrument (modified) to provide uterine elevation (McDonough, Talledo, and Owen), 1017 (Comm. in brief)
mass, unusual, report of case (McCready, Miller, and Guzzetta), 1021 (Comm. in brief)
Perfusion, placental, device (Hamrin et al.), 422 (Comm. in brief)
Perinatal risk associated with maternal genital herpes simplex virus infection (Nahmias et al.), 825
Peritoneal cytology, prognostic value in gynecologic malignant disease (Creasman and Rutledge), 773
graft in total pelvic exenteration (Morley and Lindenauer), 696
Peritonitis, severe, complicating IUCD (Rowland), 786
Phagocyte, role in host-parasite interactions (Jacobs et al.), 911
Phenobarbital, reduced passage of carbon-14–dieldrin to fetal rat by (Eliason and Posner), 943
Phospholipid patterns, placental, in normal and eclamptic pregnancies (Nelson), 352
Phrenic nerves and ductus venosus in human embryos and fetuses, observations on (Pearson and Sauter), 560
Pill-related amenorrhea-galactorrhea (Gambrell, Greenblatt, and Mahesh), 838
Placenta, human, histochemical localization of lactate dehydrogenase isoenzymes in (Benedetti et al.), 742 (Comm. in brief)
left in situ after ovarian pregnancy, sex hormone secretion of (Kim et al.), 658
Placental iron, effect of antenatal iron supplementation of (Apte, Iyengar, and Nagarajan), 350
lactogen activity in patients with molar pregnancy and trophoblastic tumors, reliable index of malignancy (Goldstein), 583 (Current investigation)
naturally occurring antihuman, dependent upon preparations tested (Gusdon, Leake, and Burt), 65
localization (Drukker et al.), 9
importance of, in fetal transfusion (Cassady, Barnett, and Ceballos), 672
maternal, and myometrial blood flow of rhesus monkey during uterine contractions (Lees et al.), 68
perfusion device (Hamrin et al.), 422 (Comm. in brief)
phospholipid patterns in normal and eclamptic pregnancies (Nelson), 350
transfer of C^{14}-ethanol (Idänpään-Heikkilä et al.), 426 (Comm. in brief)
villi, immature and term, metabolism of pregnenolone by, in organ culture (Gabbe and Villee), 543
Plasminogen activator, tissue, in myometrium, cervix, and fibromyomas of human uterus, comparative assays of (Glas-Greenwalt, Beller, and Astrup), 721

XUM

Plethysmographic pulse, intrapartum fetal heart rate responses and (Goodlin), 210
Pleural endometriosis, malignant (Labay and Feiner), 478
Polycystic ovarian disease, long-term effect of wedge resection on androgen production in case of (Judd, Barnes, and Kliman), 1061
Portal hypertension, extrahepatic, pregnancy complicated by, review of literature and report of 2 cases (Donaldson and Plant), 255
pregnancy following surgical treatment of (Niven, Williams, and Zeegen), 1100
Postmorten cesarean section, review of literature and case reports (Weber), 158
Pregnancy, binovular twin, malignant melanoma in corpora lutea of (El-Minawi, Hori, and Donegan), 882 (Comm. in brief)
carcinoma of cervix in (Wanless), 173
chronic ectopic, ureteral obstruction in (Hovadhanakul, Eachempati, and Cavanagh), 311
complicated by extrahepatic portal hypertension, review of literature and report of 2 cases (Donaldson and Plant), 255
urinary excretion of estriol and 15α-hydroxyestriol in (Heikkilä and Luukkainen), 509
C-reactive protein in (Connell and Connell), 633
effect on urinary mucopolysaccharide excretion (Ledger, Thompson, and Grobelmy), 494
following surgical treatment of portal hypertension (Niven, Williams, and Zeegen), 1100
hemoglobinopathies of, urinary estriol excretion and (Dajani, Gumpel, and Cleary), 125 (Comm. in brief)
high-risk, use of urinary estriol determinations in, in community hospital (Hoag), 203
human, peripheral plasma progesterone levels during (Csapo et al.), 630
hyperbactericidal activity of, relationship of serum and cellular iodine levels to (Jacobs et al.), 911
interruptions of, extraovular transcervical injection of rivanol for (Nabriski et al.), 54
late, fibrinolytic system in (Manning et al.), 900
Marfan syndrome in, case report (Cava and Dreier), 250
molar, and trophoblastic tumors, serum placental lactogen activity in patients with, reliable index of malignancy (Goldstein), 583 (Current investigation)
normal, ultrastructure of human liver at end of (Pérez et al.), 428 (Comm. in brief)
ovarian, sex hormone secretion of placenta left in situ after (Kim et al.), 658
papular dermatitus of, estrogen levels and estrogen therapy in (Spangler and Emerson), 534
in paraplegic patients: 2 case reports (Oppenhimer), 784
plasma, determination of free estradiol-17β levels in, by competitive protein-binding method (Sybulski), 304
protein and glucose-protein ingestion in, patterns of insulin, growth hormone, and placental lactogen release after (Tyson et al.), 934
rat, influence of experimental renal hypertension on (Sybulski, Toth, and Maughan), 314
serum alpha-1 acid glycoprotein concentration in (Mendenhall), 924
slide test for, evaluation of new (Driscoll et al.), 1083
successful, following artificial hyperimmunization to hr′(c) (Wagner and McElin), 739 (Comm. in brief)
term, and ovarian carcinoid tumor (Hoch et al.), 1141 (Comm. in brief)
toxemia of, role of nutrition in etiology of (Chaudhuri), 46
serum calcium levels in cord sera of progeny of mothers treated with magnesium sulfate for (Savory and Monif), 556
and tuberculous meningitis (Golditch), 1143 (Comm. in brief)
Pregnancy—Cont'd
vital effects of chronic nicotine absorption and chronic hypoxic stress during (Becker and Martin), 522
Pregnant and nonpregnant rats, uptake of 2-^{14}C-5-hydroxytryptamine by uterine tissue of (Koren and Block), 919
patients with burns (Schmitz), 57
Premalignant lesions of vulva, diagnosis and treatment: review (Underwood and Hester), 849
Premature labor, failure to prevent, with ethanol (Graff), 878 (Comm. in brief)
Pregnenolone, metabolism of, by immature and term placental villi in organ culture (Gibbe and Villee), 543
Prenatal intrusion into amnion (Fort), 432 (Current developments)
Professional societies and community hospitals, role in continuing medical education (Hayden), 269
Progesterone, effects on changes in arterial pressure following operation (Burstyn, Lloyd, and Horrobin), 994
levels, peripheral plasma, during human pregnancy and labor (Csapo et al.), 630
plasma levels of, after vaginal, rectal, or intramuscular administration of (Nillius and Johansson), 470
Progestin, effects on blood fibrinolysis of contraceptive (Ovulen) low in (Sobrero, Brakman, and Astrup), 122 (Comm. in brief)
plasma, human luteal function following hysterectomy as assessed by (Doyle et al.), 92
Progestogen treatment of recurrent endometrial carcinoma (Malkasian et al.), 15
Prognostic value of peritoneal cytology in gynecologic malignant disease (Creasman and Rutledge), 773
Protein binding of calcium and strontium in guinea pig maternal and fetal blood plasma (Twardock et al.), 1008 (Current investigation)
method, competitive determination of free estradiol-75β-levels in pregnancy by (Sybulski), 304
C-reactive, in pregnancy and contraception (Connell and Connell), 633
and glucose-protein ingestion in pregnancy, patterns of insulin, growth hormone, and placental lactogen release after (Tyson et al.), 934
serum, and uteroglobin of rabbit blastocysts as affected by maternal factors (Hamana and Hefez), 572
Psychology of misuse and rejection of contraception (Sandberg and Jacobs), 227
Psychometric and neurologic follow-up study of Rh-erythroblastotic infants requiring intrauterine blood transfusion (Oh et al.), 330
Puerperium, early, fibrinolytic system in (Manning et al.), 900
function of human corpus luteum during (LeMaire et al.), 612
Pulse, plethysmographic, intrapartum fetal heart rate responses and (Goodlin), 210

Q

Quinestrol therapy in hypomucorrhea due to clomiphene (Sharf, Graff, and Kuzminsky), 423 (Comm. in brief)

R

Radiation exposure of personnel in 2 radiation therapy-treatment plans for carcinoma of cervix (Boronow and Hickman), 693
induced vaginal fistulas, management of (Boronow), 1
therapy-treatment plans for carcinoma of cervix, comparison of 2 (Boronow and Hickman), 693
Radioactive iodopyracet (^{131}I-Diodrast), transfer from fetus into amniotic fluid after tracheal ligation (Reynolds, Pitkin, and Hodari), 566

Radioimmunoassay, 7 hour, of human chorionic gonadotropin (Halpern, Eckman, and Dolkart), 412 (Current investigation)
Radiosensitivity of mammalian oocytes with particular reference to human female (Baker), 746 (Current developments)
Rape cases, alleged, and child molestation, review of (Robinson, Sherrod, and Malcarney), 405
Renal hypertension, experimental, influence on pregnancy in rat (Sybulski, Toth, and Maughan), 314
Reproduction, human, noetic dimension of (Richardson and Webber), 803
Reproductive tract of nonpregnant ewe, temperature differences in (Abrams et al.), 370
Resident education delivery of female health care, decade's experience (Held and Prystowsky), 295
Rh-erythroblastotic infants requiring intrauterine blood transfusion, neurologic and psychometric follow-up study of (Oh et al.), 330
immunization, prevention of, after transfusion with Rh-positive blood (McElrath and Ascari), 309
role of spontaneous abortion in (Queenan, Gadow, and Lopes), 128 (Comm. in brief)
Ritodrine (sympathomimetic amine), relaxant action of, on uterus during term labor (Landesman et al.) 111 (Current investigation)
Rivanol, extraovular transcervical injection of, for interruption of pregnancy (Nabriski et al.). 54

S

Scalp blood, fetal, sampling, complication of (Nelson et al.), 737 (Comm. in brief)
Seasonality in American births, 3 patterns of (Lyster), 1025 (Current opinion)
Septicotoxemia, *Clostridium welchii* (Smith, McLean, and Maughan), 135 (Current developments)
Serum, enzyme levels in, in eclampsia (Morrison et al.), 619
Sex, fetal, fluorescence of Y chromosome rapid test to determine (Khudr and Benirschke), 1091
hormone secretion of placenta left in situ after ovarian pregnancy (Kim et al.), 658
Shock, hemorrhagic and endotoxic, pathophysiologic approach to diagnosis and management, 1041
Singapore, epidemiology of hydatidiform mole in (Teoh, Dawood, and Ratnam), 415 (Current opinion)
Skin allograft, intrauterine, survival in rats, effect of human chorionic gonadotropin on (Kaye et al.), 640
Slide test, new, for pregnancy, evaluation (Driscoll et al.), 1083
Smear, Papanicolaou, abnormal, management of patient with (Holley), 979
Societies, professional, and community hospitals, role in continuing medical education (Hayden), 269
South Atlantic Association of Obstetricians and Gynecologists, transactions of thirty-third annual meeting, 763-873
Squamous dysplasia and carcinoma of cervix, cytologic diagnosis of (Gondos, Townsend, and Ostergard), 107
Staging of cervical cancer: inevitable discrepancies between clinical staging and pathologic findings (van Nagell, Roddick, and Lowin), 973
Sterilization, laparoscopic tubal (Peterson and Behrman), 24
vaginal hysterectomy as modality for (Laufe and Kreutner), 1096
Strontium and calcium, protein binding of, in guinea pig maternal and fetal blood plasma (Twardock et al.), 1008 (Current investigation)
Sympathomimetic amine (ritodrine), relaxant action of, on uterus during term labor (Landesman et al.), 111 (Current investigation)
Sympathomimetic—Cont'd
drugs, effect on human oviduct in vivo (Cibils et al.), 481
Syncytial sprouts and chorionic villi in spontaneous and induced abortions (Fujikura, Ezaki, and Nishimura), 547
Syncytiotrophoblast of human chorionic villi, mitotic activity in (Moe), 431 (Comm. in brief)
Syndrome, dead fetus, another mechanism of producing hypofibrinogenemia with (Beck and Hill), 123 (Comm. in brief)
Marfan, in pregnancy, case report (Cava and Dreier), 250

T

Temperature differences in reproductive tract of nonpregnant ewe (Abrams et al.), 370
Teratoma, solid malignant ovarian, case of 8 year survival (Malkasian and Symmonds), 1020 (Comm. in brief)
Testicular feminization with immature Leydig cells, ultrastructural demonstration (Damjanov, Drobnjak, and Grizelj), 594 (Comm. in brief)
syndrome, metabolic studies in patient with (Castañeda et al.), 1002
Theca cell-cystic granulosa tumor, massive, report of case (Robertson and Miller), 407
granulosa tumors, clinical and pathologic study (Anderson, Levine, and MacMillan), 32
Therapeutic abortion follow-up study (Margolis et al.), 243
Thermal effects on heart rate of neonate (Goodlin and Horowitz), 674
Tissue plasminogen activator in myometrium, cervix, and fibromyomas of human uterus, comparative assays of (Glas-Greenwalt, Beller, and Astrup), 721
Toxemia of pregnancy, role of nutrition in etiology of (Chaudhuri), 46
serum calcium levels in cord sera of progeny of mothers treated with magnesium sulfate for (Savory and Monif), 556
Tracheal ligation, transfer of radioactive iodopyracet from fetus into amniotic fluid after (Reynolds, Pitkin, and Hodari), 566
Transactions, thirty-eighth annual meeting, Central Association of Obstetricians and Gynecologists, continued, 1-41
thirty-seventh annual meeting, Pacific Coast Obstetrical and Gynecological Society, 151-290
thirty-third annual meeting, South Atlantic Association of Obstetricians and Gynecologists, 763-873
Transcervical injection, extraovular, or rivanol for interruption of pregnancy (Nabriski et al.), 54
Transfusion, exchange, maternal-fetal blood, in fetal lambs, effects of (Kirschbaum, Brinkman, and Assali), 190
fetal, dangers of, importance of placental location (Cassady, Barnett, and Ceballos), 672
intrauterine fetal, 5 years' experience (Duhring and Zwirek), 670
with Rh-positive blood, prevention of Rh immunization after (McElrath and Ascari), 309
Trisomy 21, mosaic, mother, secondary nondisjunction causing regular trisomy 21 in offspring of (Krmpotic and Hardin), 589 (Comm. in brief)
regular, secondary nondisjunction causing, in offspring of mosaic trisomy 21 mother (Krmpotic and Hardin), 589 (Comm. in brief)
Trophoblastic tumors and molar pregnancy, serum placental lactogen activity in patients with, reliable index of malignancy (Goldstein), 583 (Current investigation)
Tubal sterilization, laparoscopic (Peterson and Behrman), 24
Tube, Fallopian, prolapse of, following abdominal hysterectomy (Halpin), 880 (Comm. in brief)

XUM

Tuberculous meningitis and pregnancy (Golditch), 1144 (Comm. in brief)
Tumor(s), granulosa-theca cell, clinical and pathologic study (Anderson, Levine, and MacMillan), 32
ovarian, adenomatous hyperplasia of endometrium associated with delayed manifestation of estrogen which produced: case report (Hunter), 782
carcinoid, and term pregnancy (Hoch et al.), 1141 (Comm. in brief)
malignant mixed mesodermal, of uterus, ultrastructural study (Silverberg), 702
massive cystic granulosa-theca cell, report of case (Robertson and Miller), 407
trophoblastic, and molar pregnancy, serum placental lactogen activity in patients with, reliable index of malignancy (Goldstein), 583 (Current investigation)
Twin pregnancy, binovular, malignant melanoma in corpora lutea of (El-Minawi, Hori, and Donegan), 882 (Comm. in brief)
second (Ware), 865

U

Ultrasonics, effect of diagnostic and therapeutic intensities of, on normal and malignant human cells in vitro (Loch, Fischer, and Kuwert), 457
Ultrastructural demonstration of testicular feminization with immature Leydig cells (Damjanov, Drobnjak, and Griselj), 594 (Comm. in brief)
observations on germ cells in human fetal ovaries (Gondos, Bhiraleus, and Hobel), 644
University medical center, role in continuing medical education (Page), 266
Ureteral obstruction in chronic ectopic pregnancy (Hovadhanakul, Eachempati, and Cavanagh), 311
Ureterouterine fistula after cesarean section (El Mahgoub and El Zeniny), 881 (Comm. in brief)
Uric acid in uterine fluid of women fitted with Lippes loop and in deposits found on used devices (Dasgupta, Kar, and Engineer), 593 (Comm. in brief)
Urinary bladder, vagina from (Carmichael) 130 (Comm. in brief)
estriol determinations in high-risk pregnancy in community hospital, (Hoag), 203
excretion and hemoglobinopathies of pregnancy (Dajani, Gumpel, and Cleary), 125 (Comm. in brief)
estrogens in spontaneous and induced ovulation in women (Smith, Stuart, and McArthur), 82
excretion of estriol and 15α-hydroxyestriol in complicated pregnancies (Heikkilä and Luukkainen), 50
mucopolysaccharide excretion, effects of menstrual cycle, pregnancy, hysterectomy, and other operative procedures on (Ledger, Thompson, and Grobelny), 494
Urine, first morning, to detect significant bacteriuria, evaluation (Czerwinski et al.), 42
Uterine arteries, isolated human, responses to vasoactive drugs (Gough and Dyer), 625
cervix, papillary adenofibroma of (Abell), 990
refractory involvement of, in case of pemphigus vulgaris (Friedman, Haim, and Paldi), 1023 (Comm. in brief)
vesicular lesions of (Burd and Esterly), 887 (Comm. in brief)
contractions, maternal placental and myometrial blood flow of rhesus monkey during (Lees et al.), 68
elevation, instrument (modified) to provide, in pelvic laparoscopy (McDonough, Talledo, and Owen), 1017 (Comm. in brief)
fluid of women fitted with Lippes loop, uric acid in, and in deposits found on used devices (Dasgupta, Kar, and Engineer), 593 (Comm. in brief)
Uterine—Cont'd
motility, inhibition of, by aminophylline (Coutinho and Lopes), 726 (Current investigation)
perforation, complication of continuous fetal monitoring (Haverkamp and Bowes), 667
tissue of nonpregnant and pregnant rats, uptake of 2-^{11}C-5-hydroxytryptamine by (Koren and Bloch), 919
Uteroglobin and serum proteins of rabbit blastocysts as affected by maternal factors (Hamana and Hafez), 572
Uterus, hemangiopericytoma of, ultrastructural study (Silverberg, Willson, and Board), 397
human, fibromyomas of, assay of tissue plasminogen activator in (Glas-Greenwalt, Beller, and Astrup), 721
involution, postpartum, myometrial changes in (Dessouky), 318
malignant mixed mesodermal tumor, ultrastructural study (Silverberg), 702
nonpregnant, comparison of digital and nondigital analysis of contraction records obtained from, in vivo (Braaksma et al.), 1075
relaxant action of ritodrine (sympathomimetic amine) on, during term labor (Landesman et al.), 111 (Current investigation)

V

Vagina, adenocarcinoma arising within cervical endometriosis and invading adjacent (Chang and Maddox), 1015 (Comm. in brief)
from urinary bladder (Carmichael), 130 (Comm. in brief)
Vaginal fistulas, radiation-induced, management of (Borovnow), 1
hysterectomy, modality for therapeutic abortion and sterilization (Laufe and Kreutner), 1096
lymphoma, primary malignant, case report (McElin and Wagner), 883 (Comm. in brief)
membranous exfoliation, iatrogenic (Márquez-Monter, Ortiz-Balderrama, and Lara), 1018 (Comm. in brief)
Vasoactive drugs, responses of isolated human uterine arteries to (Gough and Dyer), 625
Virus infection, herpes simplex, maternal genital, perinatal risk associated with (Richardson and Webber), 808
Vulva, papillary hidradenoma of, clinicopathologic study of 69 cases (Woodworth et al.), 501
premalignant lesions of, diagnosis and treatment: review (Underwood and Hester), 849

W

Water, fat, and chloride in fetal growth-retarded rat (Lugo, O'Neil, and Cassady), 358
Wedge resection, long-term effect on androgen production in case of polycystic ovarian disease (Judd, Barnes, and Kliman), 1061
Women in our culture, dilemma of: gynecologic repercussions (Easley), 858

X

XY human female with ovaries (Kadotani et al.), 98
karyotype, clitoromegaly, and bilateral gonocytoma with massive Leydig cell hyperplasia (Zárate et al.), 875 (Comm. in brief)

Y

Y chromosome, fluorescence of, rapid test to determine fetal sex (Khudr and Benirschke), 1091

Z

Zinc and copper, maternal-fetal metabolism of, at term (Henkin, Marshall, and Meret), 131 (Comm. in brief)

American Journal of Obstetrics and Gynecology

Editors

Editors

JOHN I. BREWER, *Editor in Chief*

FREDERICK P. ZUSPAN, E. J. QUILLIGAN, *Editors*

LOUIS M. HELLMAN, *Editor for Current Developments*

ALBERT B. GERBIE, *Associate Editor*

HOWARD C. TAYLOR, JR., ALLAN C. BARNES, *Editors Emeritus*

Advisory committee on policy

John L. M. Bean
Melvin W. Breese
James A. Crowell
David G. Decker
T. Terry Hayashi
Charles A. Hunter, Jr.
Irwin H. Kaiser
Robert A. Munsick
Ben M. Peckham
Harry Prystowsky

Board of corresponding editors

Oscar Aguero, *Caracas*
T. N. A. Jeffcoate, *Liverpool*
Takashi Kobayashi, *Tokyo*
Parvati K. Malkani, *New Delhi*
Jean Snoeck, *Brussels*

Volume 111
September-December 1971
The C. V. Mosby Company
St. Louis
1971

XUM

in addition to those listed on the front cover,

the Journal is the official publication

of the following societies:

NEW YORK OBSTETRICAL SOCIETY
OBSTETRICAL SOCIETY OF PHILADELPHIA
BROOKLYN GYNECOLOGICAL SOCIETY
ST. LOUIS GYNECOLOGICAL SOCIETY
NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY
THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND
CHICAGO GYNECOLOGICAL SOCIETY
CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY
AMERICAN BOARD OF OBSTETRICS AND GYNECOLOGY
WASHINGTON GYNECOLOGICAL SOCIETY
PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
BOSTON OBSTETRICAL SOCIETY
LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SEATTLE GYNECOLOGICAL SOCIETY
ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY
KANSAS CITY GYNECOLOGICAL SOCIETY
CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS
NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY
THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS
OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY
MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY
ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY
TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY
NEW YORK GYNECOLOGICAL SOCIETY
PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION
BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY
SAN FRANCISCO GYNECOLOGICAL SOCIETY

Volume 111
Copyright © 1971 by The C. V. Mosby Company
(All rights reserved)

Printed in the United States of America

Index to volume 111

Author index*

A

Aaro, L. A., and Kelalis, Panayotis P. Spontaneous rupture of the kidney associated with pregnancy, 270
Abbey, H. (*see* Comstock et al.), 53
Adamsons, Karlis (*see* Suzuki et al.), 1092
Addelson, Frances. Therapeutic abortion, 984 (Current opinion)
Adoni, A. (*see* Beyth, Adoni, and Polishuk), 858
— (*see* Raz, Zeigler, and Adoni), 345
Allen, Alexander C. (*see* Usher, Allen, and McLean), 826
Altshuler, Geoffrey, and McAdams, A. James. Cytomegalic inclusion disease of a nineteen-week fetus, 295
Ances, I. G., and Fajer, A. B. Effect of oxytocin on follicle-stimulating and luteinizing plasma concentrations in postmenopausal women, 773
Aoki, Takayoshi, and Hreshchyshyn, Myroslaw M. Radioimmunoassay of urinary estrogens, 382
Aubry, Richard H. (*see* DeGeorge, Nesbitt, and Aubry), 650
Averkin, Eugene (*see* Goldzieher et al.), 1013

B

Bakkal, T. P. (*see* Garmasheva et al.), 1083
Banooni, Firooz, Labes, James, and Goodman, Paul A. Uterine leiomyoma containing metastatic breast carcinoma, 427
Barnes, Philip H. (*see* Shojania, Hornady, and Barnes), 782
Baron, Jennifer (*see* Mizejewski, Quinones, and Baron), 413
Battaglia, F. C. (*see* Raye et al.), 917
Beller, Fritz K. Observations on the clotting of menstrual blood and clot formation, 535
Benigno, Benedict B. (*see* Thompson and Benigno), 601
Benirschke, Kurt (*see* Kim, Naftolin, and Benirschke), 672
Berger, Merle J., and Taymor, Melvin L. The role of luteinizing hormone in human follicular maturation and function, 708 (Current investigation)
Berreras, Luis (*see* Fort et al.), 324
Bertrand, P. V. (*see* Crooke, Sutaria, and Bertrand), 405
Beyth, Y., Adoni, A., and Polishuk, W. Z. A blue uterus—A possible sign of uterine tuberculosis, 858 (Comm. in brief)
Bieniarz, Joseph, Burd, Laurence, Motew, Martin, and Scommegna, Antonio, with the technical assistance of Lin, Susan, Wineman, Catherine, and Seals, Chresteen. Inhibition of uterine contractility in labor, 874
Billiar, R. B. (*see* Little et al.), 505
Billingham, Rupert E. The transplantation biology of mammalian gestation, 469
Black, W. P. Sterilization by laparoscopic tubal electrocoagulation: An assessment, 979
Bolch, Oscar H., Jr., and Warren, James C. Induction of premature menstruation with catatoxic steroids, 1107 (Current investigation)
Bonello, F. (*see* Elder, Bonello, and Ellul), 319, 663
Boone, Max L. M. (*see* Buchler et al.), 745
Boronow, Richard C., and Rutledge, Felix. Vesicovaginal fistula, radiation, and gynecologic cancer, 85
Bosch, L. R. (*see* Fels and Bosch), 964
Boutselis, John G., and Thompson, James N. Clinical aspects of primary carcinoma of the Fallopian tube, 98
Brenner, W. E. (*see* Hendricks et al.), 564
Breuer, Joseph (*see* Posner et al.), 886
Brotanek, V. (*see* Hendricks et al.), 564
Brun, Jean Louis (*see* Girard, Brun, and Muffat-Joly), 687
Buchler, Dolores A., Kline, Joyce C., Peckham, Ben M., Boone, Max L. M., and Carr, W. F. Radiation reactions in cervical cancer therapy, 745
Buhi, W. C. (*see* Spellacy, Buhi, and Holsinger), 239
Bujak, B. (*see* Carretero et al.), 1075
Bumpus, F. M. (*see* Carretero et al.), 1075
Burd, Laurence (*see* Bieniarz et al.), 874
Burd, Robert (*see* Yudis et al.), 350
Burnier, Andre M. (*see* Martin et al.), 178

C

Campbell, Donald J. (*see* Reid, Campbell, and Yakymyshyn), 251
Carcelen, Amador (*see* Sobrevilla et al.), 1111
Carmichael, Andrew (*see* Mann et al.), 353
Carr, W. F. (*see* Buchler et al.), 745
Carretero, O. A., Bujak, B., Hodari, A. A., Hodgkinson, C. P., and Bumpus, F. M. Identification of a pressor polypeptide in human amniotic fluid, 1075
Caspi, Eliahu, Herczeg, Emil, Solomon, Feiga, and Sompolinsky, David. Amnionitis and T strain mycoplasmemia, 1102
Cassinelli, Maria T. (*see* Sobrevilla et al.), 1111
Cefalo, R. C. (*see* Huddleston et al.), 804
Chalmers, J. A., and Prakash, A. Optimal dosage of buccal oxytocin for the induction of labor, 227
Cheng, Yung-Sheng (*see* Hsu and Cheng), 391
Chierichetti, G. (*see* Reschini et al.), 173
Christian, C. D. Ovarian tumors: An extension of the Peutz-Jeghers syndrome, 529
Christianson, Roberta E. (*see* Peckham and Christianson), 1
Cibils, Luis A. Effect of mesuprine hydrochloride upon nonpregnant uterine contractility and the cardiovascular system, 187
— (*see* Sica-Blanco et al.), 91
Clarke, H. Courtenay. Relationship between whole-blood riboflavin levels in the mother and in the prenate, 43
Coles, Ruth A. Phase contrast microscopy of the placenta, 369
Collins, Conrad G., Collins, Jason H., Harrison, Berney R., Nicholls, Richard A., Hoffman, Edward S., and Krupp, Philip J. Early repair of vesicovaginal fistula, 524
Collins, Jason H. (*see* Collins et al.), 524
Comas-Urrutia, Arsenio C. (*see* Suzuki et al.), 1092

*September 1, 1-160; September 15, 161-310; October 1, 311-462; October 15, 463-600; November 1, 601-744; November 15, 745-866; December 1, 867-1008; December 15, 1009-1146.

XUM

COMSTOCK, G. W., SHAH, F. K., MEYER, M. B., AND ABBEY, H. Low birth weight and neonatal mortality rate related to maternal smoking and socioeconomic status, 53
CONGER, W. L. (*see* SHIER ET AL.), 677
CONLEY, H. H. (*see* HAWK AND CONLEY), 161
CROOKE, A. C., SUTARIA, U. D., AND BERTRAND, P. V. Comparison of daily with twice-weekly injections of follicle-stimulating hormone for treatment of failure of ovulation, 405
CROSIGNANI, PIER GIORGIO (*see* MISHELL ET AL.), 60
CSAPO, A. I., SAUVAGE, J. P., AND WIEST, W. G. The efficacy and acceptability of intravenously administered prostaglandin $F_2\alpha$ as an abortifacient, 1059

D

D'ALBERTON, A. (*see* RESCHINI ET AL.), 173
DANIEL, WILLIAM A., JR., MOUNGER, JOANNE R., AND PERKINS, J. CAMILLE. Obstetric and fetal complications in folate-deficient adolescent girls, 233
DAVIDSEN, OTTO. Serum proteins in newborn infants of diabetic mothers, 934
DAWOOD, M. YUSOFF (*see* RATNAM, TEOH, AND DAWOOD), 1021
DECESARIS, VINCENT (*see* MEEKER, DECESARIS, AND TULP), 840
DEGEORGE, FRANCES V., NESBITT, ROBERT E. L., JR., AND AUBRY, RICHARD H. High-risk obstetrics. VI. An evaluation of the effects of intensified care on pregnancy outcome, 650
DE SWIET, M., AND HOFFBRAND, B. I. Effect of bethanidine on placental blood flow in conscious rabbits, 374
DIAMOND, ROBERT (*see* HORWITZ ET AL.), 808
DIDDLE, A. W. (*see* GOODALL AND DIDDLE), 896
DIGGS, LEMUEL W. (*see* FORT ET AL.), 324
DILTS, P. V., JR. (*see* SHIER ET AL.), 677
DOUGLAS, GORDON W. (*see* KOPELMAN AND DOUGLAS), 666
DROEGEMUELLER, WILLIAM (*see* JONES, DROEGEMUELLER, AND MAKOWSKI), 959
DUCHIN, SYBIL (*see* MANN ET AL.), 353
DUNN, JOHN E., JR. (*see* WEIR, DUNN, AND JONES), 594
DYER, DONALD C., AND GOUGH, E. DORIS. Comparative actions of selected vasoactive drugs on isolated human uterine arteries, 820

E

EDLOW, J. B., HUDDLESTON, J. F., LEE, GEORGE, PETERSON, W. F., AND ROBINSON, J. C. Multiple enzyme deficiencies in placental tissue from the two blighted-ovum abortions, 365
—, —, —, —, AND —. Placental enzymes: Specific activities and isoenzyme patterns during early and late gestation, 360
EFFER, SIDNEY B. (*see* YOUNGLAI AND EFFER), 833
EKBLADH, L. (*see* HENDRICKS ET AL.), 564
ELDER, H. A., SANTAMARINA, B. A. G., SMITH, S., AND KASS, E. H. The natural history of asymptomatic bacteriuria during pregnancy: The effect of tetracycline on the clinical course and the outcome of pregnancy, 441 (Current developments)
ELDER, M. G., BONELLO, F., AND ELLUL, J. Neutrophil alkaline phosphatase levels in normal and abnormal pregnancy, 663
—, —, AND —. Neutrophil alkaline phosphatase in pregnancy and its relationship to urinary estrogen excretion and serum heat-stable alkaline phosphatase levels, 319
ELIASON, B. CLAIR, AND POSNER, HERBERT S. Placental passage of ^{14}C-dieldrin altered by gestational age and plasma proteins, 925
EL-KATEB, H. (*see* OMAR, EL-KATEB, AND FATHALLA), 200
ELLUL, J. (*see* ELDER, BONELLO, AND ELLUL), 319, 663
EL-MINAWI, MAHMOUD F., AND FODA, M. SADEK. Postpartum lactation amenorrhea, 17
ENDRES, RICHARD J. Abortion in perspective, 436 (Current opinion)
ERICKSON, MARILYN T. Risk factors associated with complications of pregnancy, labor, and delivery, 658
EVANS, TOMMY N., AND PLOTKIN, ALFRED. I. Urban interrelationships in medical education, 719 (Current developments)
EVRARD, JOHN R. Rape: The medical, social, and legal implications, 197

F

FAJER, A. B. (*see* ANCES AND FAJER), 773
FATHALLA, M. F. (*see* OMAR, EL-KATEB, AND FATHALLA), 200
FEITELSON, PHILIP J., ORTIZ, RAFAEL, AND LINDHEIMER, MARSHALL D. Pregnancy and nephrotic syndrome due to renal amyloidosis, 306 (Comm. in brief)
FELS, E., AND BOSCH, L. R. Effect of prenatal administration of testosterone on ovarian function in rats, 964
FETTIG, O. (*see* KALTENBACH, HILGARTH, AND FETTIG), 593
FILER, L. J., JR. (*see* PITKIN ET AL.), 280
FINKELSTEIN, MICHAEL (*see* NEBEL ET AL.), 766
FIORI, RENATO M., AND SCANLON, JOHN W. Erythrocyte levels of 2,3-diphosphoglycerate in the syndrome of fetal malnutrition, 681
FISH, STEWART A. (*see* FORT ET AL.), 324
FISHBURNE, J. I. (*see* HENDRICKS ET AL.), 564
FLETCHER, JOHN C. (*see* RUFFOLO, FOXWORTHY, AND FLETCHER), 167
FLOWERS, CHARLES E., HINKLEY, CLARK M., AND HATCHER, JOHN W. The use of a digital computer in monitoring the condition of the fetus durng labor, 644
FODA, M. SADEK (*see* EL-MINAWI AND FODA), 17
FORD, MANLEY L. (*see* SUMMERS AND FORD), 307
FORT, ARTHUR T., MORRISON, JOHN C., BERRERAS, LUIS, DIGGS, LEMUEL W., AND FISH, STEWART A. Counseling the patient with sickle cell disease about reproduction: Pregnancy outcome does not justify the maternal risk! 324
FOX, PAUL F., AND KOWALCZYK, ADAM S. Ruptured enterocele, 592 (Comm. in brief)
FOXWORTHY, DONALD (*see* RUFFOLO, FOXWORTHY, AND FLETCHER), 167
FREEDMAN, DONALD S. (*see* NELSON AND FREEDMAN), 930
FRIEDLANDER, ROBERT L. (*see* WIENER AND FRIEDLANDER), 942
FRIGOLETTO, FREDRIC D., TULLIS, JAMES L., REID, DUNCAN E., AND HINMAN, JOHN. Hypercoagulability in the dysmature syndrome, 867
— (*see* REID ET AL.), 493
FRISCHBIER, H. J., AND THOMSEN, K. Treatment of cancer of the vulva with high energy electrons, 431
FUCHS, FRITZ (*see* KIMBALL, KEAN, AND FUCHS), 211, 219
FULLMAN, P. M. An incisional hernia containing an incarcerated twin pregnant uterus, 308 (Comm. in brief)

G

GABBE, STEVEN G., AND VILLEE, CLAUDE A. The effect of hypoxia on progesterone synthesis by placental villi in organ culture, 31
GANT, NORMAN F., HUTCHINSON, HARRY T., SIITERI, PENTTI, K., AND MACDONALD, PAUL C. Study of the metabolic clearance rate of dehydroisoandrosterone sulfate in pregnancy, 555
GARMASHEVA, N. L., KONSTANTINOVA, N. N., ZHAKHOVA, Z. N., AND TAKKAL, T. P. The effect of folliculin and sigetin on the development of the embryo and the placenta in rabbits with normal and impaired sympathetic innervation of the uterus, 1083
GARRISON, DAVID L. (*see* SHEA, GARRISON, AND TOM), 801
GIBBS, E. KENT. Suggested prophylaxis for ovarian cancer, 756

Gil, Blanca E. (*see* Sica-Blanco et al.), 91
Gilani, Shamshad H., and Jaffee, Oscar C. Congenital cardiovascular anomalies in chick embryos exposed to x-irradiation and hypothermia, 47
Girard, Henri, Brun, Jean-Louis, and Muffat-Joly, Martine. An angiographic study of the sensitivity to epinephrine of the uterine arteries of the guinea pig: A comparison with angiotensin, 687
Giustina, G. (*see* Reschini et al.), 173
Goldsmith, Seth B., Johnson, John W. C., Jr., and Lerner, Monroe. Obstetricians' attitudes toward nurse-midwives, 111 (Current opinion)
Goldstein, Martin S., Shore, Bella, and Gusberg, S. B. Cellular immunity as a host response to squamous carcinoma of the cervix, 751
Goldzieher, Joseph W., Moses, Louis E., Averkin, Eugene, Scheel, Cora, and Taber, Ben Z. Nervousness and depression attributed to oral contraceptives: A double-blind, placebo-controlled study, 1013
Goodall, McC., and Diddle, A. W. Epinephrine and norepinephrine in pregnancy, 896
Goodman, Paul A. (*see* Banooni, Labes, and Goodman), 427
Gordon, Myron (*see* Stone, Gordon, and Rovinsky), 728
Gough, E. Doris (*see* Dyer and Gough), 820
Greiss, Frank C., Jr. Differential reactivity of the myo-endometrial and placental vasculatures: Vasodilatation, 611
— and Miller, Howard B. Unilateral control of uterine blood flow in the ewe, 299
Gronli, Margaret (*see* Horwitz et al.), 808
Gusberg, S. B., and Kardon, Paul. Proliferative endometrial response to theca-granulosa cell tumors, 633
— (*see* Goldstein, Shore, and Gusberg), 751

H

Halla, M. (*see* Little et al.), 505
Hamrin, C. E., Jr. (*see* Shier et al.), 677
Harrison, Berney R. (*see* Collins et al.), 524
Hatcher, John W. (*see* Flowers, Hinkley, and Hatcher), 644
Haukkamaa, Maija, Karjalainen, Olavi, and Luukkainen, Tapani. In vitro binding of progesterone by the human endometrium during the menstrual cycle and by hyperplastic, atrophic, and carcinomatous endometrium, 205
Hawk, H. W., and Conley, H. H. The effects of an intrauterine device and ovarian status on the disappearance and breakage of sperm cells in rabbit uteri, 161
Hayata, Isamu (*see* Sasaki et al.), 8
Heinsons, A. (*see* Little et al.), 505
Hendricks, C. H., Brenner, W. E., Ekbladh, L., Brotanek, V., and Fishburne, J. I., Jr. Efficacy and tolerance of intravenous prostaglandins $F_{2\alpha}$ and E_2, 564
Herczeg, Emil (*see* Caspi et al.), 1102
Hibbard, Lester T., and Schwinn, Charles E. Diagnosis by endometrial jet washings, 1039
Hilgarth, M. (*see* Kaltenbach, Hilgarth, and Fettig), 593
Hinkamp, Joseph F. The role of mammography in the diagnosis of breast cancer: Survey in a community hospital, 1043
Hinkley, Clark M. (*see* Flowers, Hinkley, and Hatcher), 644
Hinman, John (*see* Frigoletto et al.), 867
— (*see* Reid et al.), 493
Hirumi, Hiroyuki (*see* Koren et al.), 846
Hobel, Calvin J. (*see* Tulchinsky, Hobel, and Korenman), 311
Hodari, A. A. (*see* Carretero et al.), 1075
Hodgkinson, C. P. (*see* Carretero et al.), 1075
Hoffbrand, B. I. (*see* de Swiet and Hoffbrand), 374
Hoffman, Edward S. (*see* Collins et al.), 524
Hogaki, Masanobu (*see* Kinoshita et al.), 855
Holden, Raymond H. (*see* Man et al.), 905
Holsinger, K. K. (*see* Spellacy, Buhi, and Holsinger), 239
Horiguchi, Terusada (*see* Suzuki et al.), 1092
Hornady, Gloria J. (*see* Shojania, Hornady, and Barnes), 782
Horowitz, Arthur (*see* Horwitz et al.), 808
Horwitz, Charles A., Polesky, Herbert, Odenbrett, Peter, Gronli, Margaret, Horowitz, Arthur, Diamond, Robert, and Ward, Patrick C. J. Clinical and immunologic study of a direct agglutination test for pregnancy (mechanisms of interference including prozoning and circulating macroglobulins), 808
Howell, R. Rodney (*see* Thomas et al.), 38
Hreshchyshyn, Myroslaw M. (*see* Aoki and Hreshchyshyn), 382
— (*see* Kaplan and Hreshchyshyn), 386
Hsu, Chien-Tien, and Cheng, Yung-Sheng. Clinical significance of preservation of the superior and inferior vesical arteries in the recovery of bladder function after radical operation for uterine cervical cancer, 391
Huddleston, J. F., Cefalo, R. C., Lee, George, and Robinson, J. C. An investigation of the gestational increase in serum hexosaminidase B, 804
— (*see* Edlow et al.), 360, 365
Huix, F. Javier (*see* Martin et al.), 178
Hutchinson, Harry T. (*see* Gant et al.), 555

I

Ikeuchi, Tatsuro (*see* Sasaki et al.), 8
Iyengar, Leela. Folic acid requirements of Indian pregnant women, 13

J

Jacobson, Herbert I. (*see* Limpaphayom et al.), 1064
Jaffee, Oscar C. (*see* Gilani and Jaffee), 47
Jascalevich, Mario E. A new scalpel guide for biopsy of the cervix, 692
Jassani, M. (*see* Little et al.), 505
Joelsson, Ingemar, Levine, Richard U., and Moberger, Gunnar. Hysteroscopy as an adjunct in determining the extent of carcinoma of the endometrium, 696
John, Peter. A study of asymptomatic bacteriuria among the maternal care patients attending the Maternal and Child Health Clinic, Dhahran, Saudi Arabia, 26
Johnson, John C., and Llorens, Alfred S. Angiographic demonstration of persistent trophoblastic disease, 305 (Comm. in brief)
Johnson, John W. C., Jr. (*see* Goldsmith, Johnson, and Lerner), 111
Jones, Edward G. (*see* Weir, Dunn, and Jones), 594
Jones, Howard W., III, Droegemueller, William, and Makowski, Edgar L. A primary melanocarcinoma of the cervix, 959
Jones, Walter S. (*see* Man et al.), 905

K

Kale, Sandhya, Shuster, Marvin, and Shangold, Jack. Endometrioma in a cesarean scar: Case report and review of the literature, 596 (Comm. in brief)
Kaltenbach, F. J., Hilgarth, M., and Fettig, O. Demonstration of cilioepithelial tumor cells, 593 (Comm. in brief)
Kaplan, Hans-G., and Hreshchyshyn, Myroslaw M. Gas-liquid chromatographic quantitation of urinary estrogens in nonpregnant women, postmenopausal women, and men, 386
Kardon, Paul (*see* Gusberg and Kardon), 633
Karjalainen, Olavi. (*see* Haukkamaa, Karjalainen, and Luukkainen), 205

XUM

Kass, E. H. (*see* Elder et al.), 441
Katz, Adrian I. (*see* Lindheimer and Katz), 1053
Kean, B. H. (*see* Kimball, Kean, and Fuchs), 211, 219
Keirse, M. J. (*see* Mingeot and Keirse), 1121
Kelalis, Panayotis P. (*see* Aaro and Kelalis), 270
Kharma, Khalil M. (*see* Mishell et al.), 60
— (*see* Thorneycroft et al.), 947
Killam, A. P. (*see* Raye et al.), 917
Kim, Chung K., Naftolin, Frederick, and Benirschke, Kurt. Immunohistochemical studies of the "X cell" in the human placenta with anti-human chorionic gonadotropin and anti-human placental lactogen, 672
Kimball, Anne C., Kean, B. H., and Fuchs, Fritz. Congenital toxoplasmosis: A prospective study of 4,048 obstetric patients, 211
—, —, and —. The role of toxoplasmosis in abortion, 219
King, Theodore M. (*see* Limpaphayom et al.), 1064
Kinoshita, Katsuyuki, Wagatsuma, Takashi, Hogaki, Masanobu, and Sakamoto, Shoichi. The induction of abortion by prostaglandin $F_{2\alpha}$, 855 (Comm. in brief)
Kirschbaum, Thomas H. Red cell pH in human maternal and fetal blood as determined by 5, 5-dimethyl-2,4-oxazolidine dione, 515
Kline, I. T. (*see* Little et al.), 505
Kline, Joyce C. (*see* Buchler et al.), 745
Kling, T. G. (*see* Pitkin et al.), 280
Kofler, E., and Spona, J. Hormone studies of an ovarian dysgerminoma, 1028
Kohno, Sei Ichi (*see* Sasaki et al.), 8
Konstantinova, N. N. (*see* Garmasheva et al.), 1083
Kopelman, J. Joshua, and Douglas, Gordon W. Abortions by resident physicians in a municipal hospital center, 666
Koren, Zeev, Van Damme, Olga, Hirumi, Hiroyuki, and Maramorosch, Karl. Growth and stimulation of mouse trophoblastic cells in culture by polyoma virus, 846
Korenman, Stanley G. (*see* Tulchinsky, Hobel, and Korenman), 311
Kowalczyk, Adam S. (*see* Fox and Kowalczyk), 592
Krupp, Philip J. (*see* Collins et al.), 524
Kurachi, Keiichi (*see* Murata, Takemura, and Kurachi), 287

L

Labes, James (*see* Banooni, Labes, and Goodman), 427
Lee, Chung (*see* Limpaphayom et al.), 1064
Lee, George (*see* Edlow et al.), 360, 365
— (*see* Huddleston et al.), 804
Lerner, Monroe (*see* Goldsmith, Johnson, and Lerner), 111
Leventhal, John M., Simon, Lenard R., and Shapiro, Sander S. Laparoscopic removal of intrauterine contraceptive devices following uterine perforation, 102
Levine, Richard U. (*see* Joelsson, Levine, and Moberger), 696
Lewis, John L., Jr., and Terasaki, Paul I. HL-A leukocyte antigen studies in women with gestational trophoblastic neoplasms, 547
Limpaphayom, Kobchitt, Lee, Chung, Jacobson, Herbert I., and King, Theodore M. Estrogen receptor in human endometrium during the menstrual cycle and early pregnancy, 1064
Lin, Susan (*see* Bieniarz et al.), 874
Lindheimer, Marshall D., and Katz, Adrian I. Effects of hypotonic expansion on sodium and water excretion in hypertensive non-pre-eclamptic gravidas, 1053
— (*see* Feitelson, Ortiz, and Lindheimer), 306
Little, B., Billiar, R. B., Halla, M., Heinsons, A., Jassani, M., Kline, I. T., and Purdy, R. H. Pregnenolone production in pregnancy, 505
Little, W. A., Nasser, D., and Spellacy, W. N. Alterations in fetal and maternal carbohydrate metabolism in the primate fetus, 626
Llorens, Alfred S. (*see* Johnson and Llorens), 305
Lonocope, Christopher. Metabolic clearance and blood production rates of estrogens in postmenopausal women, 778
Lower, Gary D., Stevens, Lawrence E., Najarian, John S., and Reemtsma, Keith. Problems from immunosuppressives during pregnancy, 1120 (Comm. in brief)
Ludwig, Hans. Surface structure of the human term placenta and of the uterine wall post partum in the screen scan electron microscope, 328
Lund, Curtis J. Their shadows are cast, 463
Luukkainen, Tapani (*see* Haukkamaa, Karjalainen, and Luukkainen), 205

M

McAdams, A. James (*see* Altshuler and McAdams), 295
McCartney, Charles P., Schumacher, Gebhard F. B., and Spargo, Benjamin H. Serum proteins in patients with toxemic glomerular lesion, 580
MacDonald, Paul C. (*see* Gant et al.), 555
McLean, Frances H. (*see* Usher, Allen, and McLean), 826
Makowski, Edgar L. (*see* Jones, Droegemueller, and Makowski), 959
— (*see* Raye et al.), 917
Malaga, Juan M. (*see* Sobrevilla et al.), 1111
Man, Evelyn B., Jones, Walter S., Holden, Raymond H., and Mellits, E. David. Thyroid function in human pregnancy. VIII. Retardation of progeny aged 7 years; relationships to maternal age and maternal thyroid function, 905
Mann, Leon I., Solomon, Gail, Carmichael, Andrew, and Duchin, Sybil. The effect of metabolic acidosis on fetal brain function and metabolism, 353
Maramorosch, Karl (*see* Koren et al.), 846
Martin, Purvis L., Burnier, Andre M., Segre, Eugene J., and Huix, F. Javier. Graded sequential therapy in the menopause: A double-blind study, 178
Masterson, J. G. (*see* Plummer and Masterson), 81
Meeker, C. Irving, DeCesaris, Vincent, and Tulp, Orien. Metabolism of 7-^{3}H-pregnenolone in normal human placenta maintained in organ culture, 840
Meigs, Lamar C. Amniotic fluid embolism, 1069
Mellits, E. David (*see* Man et al.), 905
Meschia, G. (*see* Raye et al.), 917
Meyer, Claude J. (*see* Nakao, Meyer, and Noda), 1034
Meyer, M. B. (*see* Comstock et al.), 53
Miller, Howard B. (*see* Greiss and Miller), 299
Millerick, Joseph (*see* Yudis et al.), 350
Mingeot, R. A., and Keirse, M. J. Twin pregnancy in a pseudodidelphys, 1121 (Comm. in brief)
Mishell, Daniel R., Jr., Nakamura, Robert M., Crosignani, Pier Giorgio, Stone, Sergio, Kharma, Khalil, Nagata, Yukihiro, and Thorneycroft, Ian H. Serum gonadotropin and steroid patterns during the normal menstrual cycle, 60
— (*see* Moyer and Mishell), 66
— (*see* Thorneycroft et al.), 947
Mizejewski, Gerald J., Quinones, Jose, and Baron, Jennifer. Radioglobulin localization and immunospecificity in the transplanted human choriocarcinoma, 413
Moberger, Gunnar (*see* Joelsson, Levine, and Moberger), 696
Mori, Michiko (*see* Sasaki et al.), 8
Morishima, Hisayo O. (*see* Suzuki et al.), 1092

Morrison, John C. (*see* Fort et al.), 324
Moses, Louis E. (*see* Goldzieher et al.), 1013
Motew, Martin (*see* Bieniarz et al.), 874
Mounger, Joanne R. (*see* Daniel, Mounger, and Perkins), 233
Moyer, Dean L., and Mishell, Daniel R., Jr. Reactions of human endometrium to the intrauterine foreign body. II. Long-term effects on the endometrial histology and cytology, 66
Mueller-Heubach, Eberhard (*see* Suzuki et al.), 1092
Muffat-Joly, Martine (*see* Girard, Brun, and Muffat-Joly,) 687
Mulcahy, Risteárd (*see* Murphy and Mulcahy), 22
Murata, Yuji, Takemura, Hikaru, and Kurachi, Keiichi. Observation of fetal cardiac motion by M-mode ultrasonic cardiography, 287
Murphy, John F., and Mulcahy, Risteárd. The effect of age, parity, and cigarette smoking on baby weight, 22

N

Nadler, Henry L. (*see* Salafsky and Nadler), 1046
Naftolin, Frederick (*see* Kim, Naftolin, and Benirschke), 672
Nagata, Yukihiro (*see* Mishell et al.), 60
Najar, Alfonso J. Gutierrez (*see* Richart, Najar, and Neuwirth), 108
Najarian, John S. (*see* Lower et al.), 1120
Nakajima, Akira. Action potential of human myometrial fibers, 266
Nakamura, Robert M. (*see* Mishell et al.), 60
— (*see* Thorneycroft et al.), 947
Nakao, Komei, Meyer, Claude J., and Noda, Yudo. Progesterone-specific protein crystals in the endometrium: An electron microscopic study, 1034
Nasser, D. (*see* Little, Nasser, and Spellacy), 626
Nebel, Laslo, Safriel, Ora J., Salzberger, Maccabi, and Finkelstein, Michael. Coelomic mesothelium-like cells in the ovarian stroma of patients with the polycystic ovary syndrome (Stein-Leventhal syndrome), 766
Nelson, George H., and Freedman, Donald S. Relationship between amniotic fluid triglyceride levels and fetal maturity, 930
Nesbitt, Robert E. L., Jr. (*see* DeGeorge, Nesbitt, and Aubry), 650
Neuwirth, Robert S. (*see* Richart, Najar, and Neuwirth), 108
Nicholls, Richard A. (*see* Collins et al.), 524
Noda, Yudo (*see* Nakao, Meyer, and Noda), 1034

O

Obara, Yoshitaka (*see* Sasaki et al.), 8
Odenbrett, Peter (*see* Horwitz et al.), 808
Okun, Ronald (*see* Silverman and Okun), 398
Omar, A. H., El-Kateb, H., and Fathalla, M. F. Observations on the capillary vascular pattern in ovarian tumors, 200
Ortiz, Rafael (*see* Feitelson, Ortiz, and Lindheimer), 306

P

Parada, Malcolm (*see* Stenchever and Parada), 274
Parmley, Tim H. (*see* Thomas et al.), 38
Pearson, James F., and Shuttleworth, Rex. The metabolic effects of a hypertonic fructose infusion on the mother and fetus during labor, 259
Peckham, Ben M. (*see* Buchler et al.), 745
Peckham, Charles H., and Christianson, Roberta E. The relationship between prepregnancy weight and certain obstetric factors, 1
Pelletier, Catharine (*see* YounoLai and Effer), 833
Perkins, J. Camille (*see* Daniel, Mounger, and Perkins), 233
Perkins, Richard P. Hydrops fetalis and stillbirth in a male glucose-6-phosphate dehydrogenase–deficient fetus possibly due to maternal ingestion of sulfisoxazole, 379
— Inherited disorders of hemoglobin synthesis and pregnancy, 120 (Current developments)
Peterson, W. F. (*see* Edlow et al.), 360, 365
Pitkin, R. M., Reynolds, W. Ann, Filer, L. J., Jr., and Kling, T. G. Placental transmission and fetal distribution of saccharin, 280
Plotkin, Alfred (*see* Evans and Plotkin), 719
Plummer, G., and Masterson, J. G. Herpes simplex virus and cancer of the cervix, 81
Polesky, Herbert (*see* Horwitz et al.), 808
Polishuk, W. Z. (*see* Beyth, Adoni, and Polishuk), 858
— (*see* Schenker, Sacks, and Polishuk), 970
Pomerance, William (*see* Posner et al.), 886
Posner, Herbert S. (*see* Eliason and Posner), 925
Posner, Norman Ames, Silverstone, Felix A., Pomerance, William, Weiss, Howard, and Weinstein, Howard, statistical analysis by Breuer, Joseph. The outcome of pregnancy in Class A diabetes mellitus, 886
Prakash, A. (*see* Chalmers and Prakash), 227
Preston, S. N. The oral contraceptive controversy, 994 (Current developments)
Pritchard, Jack A., and Whalley, Peggy J. Abortion complicated by *Clostridium perfringens* infection, 484
Prystowsky, Harry. II. Research in the delivery of female health care: What shall be the role of the university department of obstetrics and gynecology? 725 (Current developments)
Purdy, R. H. (*see* Little et al.), 505

Q

Quinones, Jose (*see* Mizejewski, Quinones, and Baron), 413

R

Ratnam, S. S., Teoh, Eng Soon, and Dawood, M. Yusoff. Methotrexate for prophylaxis of choriocarcinoma, 1021
Raye, John R., Killam, A. P., Battaglia, F. C., Makowski, E. L., and Meschia, G. Uterine blood flow and O_2 consumption following fetal death in sheep, 917
Raz, Shlomo, Zeigler, Marcia, and Adoni, Ami. Hormonal environment and uterine response to epinephrine, 343
Reemtsma, Keith (*see* Lower et al.), 1120
Reid, David W. J., Campbell, Donald J., and Yakymyshyn, Luella Y. Quantitative amino acids in amniotic fluid and maternal plasma in early and late pregnancy, 251
Reid, Duncan E., Frigoletto, Fredric D., Tullis, James L., and Hinman, John. Hypercoagulable states in pregnancy, 493
— (*see* Frigoletto et al.), 867
Reid, James (*see* Yudis et al.), 350
Remedio, Maria R. (*see* Sica-Blanco et al.), 91
Reschini, E., Giustina, G., D'Alberton, A., and Chierichetti, G. Radioimmunoassayable plasma luteinizing hormone in primary amenorrhea, 173
Reynolds, W. Ann (*see* Pitkin et al.), 280
Richart, Ralph M., Najar, Alfonso J. Gutierrez, and Neuwirth, Robert S. Transvaginal human sterilization: A preliminary report, 108 (Current investigation)
Robinson, J. C. (*see* Edlow et al.), 360, 365
— (*see* Huddleston et al.), 804
Roddick, J. W., Jr. (*see* van Nagell and Roddick), 703
Rovinsky, Joseph (*see* Stone, Gordon, and Rovinsky), 728

XUM

ROZADA, HECTOR (*see* SICA-BLANCO ET AL.), 91
RUFFOLO, EUGENE H., FOXWORTHY, DONALD, AND FLETCHER, JOHN C. Vaginal adenocarcinoma arising in vaginal adenosis, 167
RUTLEDGE, FELIX (*see* BORONOW AND RUTLEDGE), 85

S

SACKS, M. I. (*see* SCHENKER, SACKS, AND POLISHUK), 970
SAFRIEL, ORA J. (*see* NEBEL ET AL.), 766
SAKAMOTO, SHOICHI (*see* KINOSHITA ET AL.), 855
SALAFSKY, IRA S., AND NADLER, HENRY L. Intracellular organelles and enzymes in cell-free amniotic fluid, 1046
SALZBERGER, MACCABI (*see* NEBEL ET AL.), 766
SANTAMARINA, B. A. G. (*see* ELDER ET AL.), 441
SASAKI, MOTOMICHI, IKEUCHI, TATSURO, OBARA, YOSHITAKA, HAYATA, ISAMU, MORI, MICHIKO, AND KOHNO, SEI-ICHI. Chromosome studies in early embryogenesis, 8
SAUVAGE, J. P. (*see* CSAPO, SAUVAGE, AND WIEST), 1059
SCANLON, JOHN W. (*see* FIORI AND SCANLON), 681
SCHEEL, CORA (*see* GOLDZIEHER ET AL.), 1013
SCHENKER, J. G., SACKS, M. I., AND POLISHUK, W. Z. I. Regeneration of rabbit endometrium following curettage, 970
SCHUMACHER, GEBHARD F. B. (*see* MCCARTNEY, SCHUMACHER, AND SPARGO), 580
SCHWINN, CHARLES E. (*see* HIBBARD AND SCHWINN), 1039
SCOMMEGNA, ANTONIO (*see* BIENIARZ ET AL.), 874
SEALS, CHRESTEEN (*see* BIENIARZ ET AL.), 874
SEGRE, EUGENE J. (*see* MARTIN ET AL.), 178
SHAH, F. K. (*see* COMSTOCK ET AL.), 53
SHANGOLD, JACK (*see* KALE, SHUSTER, AND SHANGOLD), 596
SHAPIRO, SANDER S. (*see* LEVENTHAL, SIMON, AND SHAPIRO), 102
SHEA, MICHAEL A., GARRISON, DAVID L., AND TOM, SHIRLEY K. H. Diabetes in pregnancy, 801
SHEIKH, GHULAM NABI. Observations of maternal weight behavior during the puerperium, 244
SHIER, R. W., DILTS, P. V., JR., CONGER, W. L., AND HAMRIN, C. E., JR. Bilirubin transfer across the human placenta, 677
SHOJANIA, A. MAJID, HORNADY, GLORIA J., AND BARNES, PHILIP H. The effect of oral contraceptives on folate metabolism, 782
SHORE, BELLA (*see* GOLDSTEIN, SHORE, AND GUSBERG), 751
SHUSTER, MARVIN (*see* KALE, SHUSTER, AND SHANGOLD), 596
SHUTTLEWORTH, REX. (*see* PEARSON AND SHUTTLEWORTH), 259
SICA-BLANCO, YAMANDU, CIBILS, LUIS A., REMEDIO, MARIA R., ROZADA, HECTOR, AND GIL, BLANCA E. Isthmic and ampullar contractility of the human oviduct in vivo, 91
SIITERI, PENTTI K. (*see* GANT ET AL.), 555
SILVERMAN, MELVIN, AND OKUN, RONALD. Oxytetracycline-nystatin in the prevention of candidal vaginitis, 398
SILVERSTONE, FELIX A. (*see* POSNER ET AL.), 886
SIMON, LENARD R. (*see* LEVENTHAL, SIMON, AND SHAPIRO), 102
SMITH, ROBERT S. Pelvic arteriography in the differential diagnosis of pelvic mass, 952
SMITH, S. (*see* ELDER ET AL.), 441
SOBREVILLA, LUIS A., CASSINELLI, MARIA T., CARCELEN, AMADOR, AND MALAGA, JUAN M. Human fetal and maternal oxygen tension and acid-base status during delivery at high altitude, 1111 (Current investigation)
SOLOMON, FEIGA (*see* CASPI ET AL.), 1102
SOLOMON, GAIL (*see* MANN ET AL.), 353
SOMERVILLE, BRIAN W. Daily variation in plasma levels of progesterone and estradiol throughout the menstrual cycle, 419
SOMPOLINSKY, DAVID (*see* CASPI ET AL.), 1102
SPARGO, BENJAMIN H. (*see* MCCARTNEY, SCHUMACHER, AND SPARGO), 580
SPELLACY, W. N., BUHI, W. C., AND HOLSINGER, K. K. The effect of prostaglandin $F_{2\alpha}$ and E_2 on blood glucose and plasma insulin levels during pregnancy, 239
— (*see* LITTLE, NASSER, AND SPELLACY), 626
SPONA, J. (*see* KOFLER AND SPONA), 1028
STENCHEVER, MORTON A., AND PARADA, MALCOLM. Management of the severely affected Rh-isoimmunized patient, 274
STEVENS, LAWRENCE E. (*see* LOWER ET AL.), 1120
STEVENSON, ROGER E. (*see* THOMAS ET AL.), 38
STONE, MARTIN L., GORDON, MYRON, AND ROVINSKY, JOSEPH. III. The impact of a liberalized abortion law on the medical schools, 728 (Current developments)
STONE, SERGIO C. (*see* MISHELL ET AL.), 60
— (*see* THORNEYCROFT ET AL.), 947
SUMMERS, JACK L., AND FORD, MANLEY L. The forgotten pessary: A medical oddity, 307 (Comm. in brief)
SUTARIA, U. D. (*see* CROOKE, SUTARIA, AND BERTRAND), 405
SUZUKI, KOTARO, HORIGUCHI, TERUSADA, COMAS-URRUTIA, ARSENIO C., MUELLER-HEUBACH, EBERHARD, MORISHIMA, HISAYO O., AND ADAMSONS, KARLIS. Pharmacologic effects of nicotine upon the fetus and mother in the rhesus monkey, 1092

T

TABER, BEN Z. (*see* GOLDZIEHER ET AL.), 1013
TAKEMURA, HIKARU (*see* MURATA, TAKEMURA, AND KURACHI), 287
TAYMOR, MELVIN L. (*see* BERGER AND TAYMOR), 708
TEOH, ENG SOON (*see* RATNAM, TEOH, AND DAWOOD), 1021
TERASAKI, PAUL I. (*see* LEWIS AND TERASAKI), 547
THIEDE, HENRY A. IV. A presumptuous experiment in rural maternal and child health care, 736 (Current developments)
THOMAS, GEORGE H., PARMLEY, TIM H., STEVENSON, ROGER E., AND HOWELL, R. RODNEY. Developmental changes in amino acid concentrations in human amniotic fluid: Abnormal findings in maternal phenylketonuria, 38
THOMPSON, JAMES N. (*see* BOUTSELIS ET AL.), 98
THOMPSON, JOHN D., AND BENIGNO, BENEDICT B. Vaginal repair of ureteral injuries, 601
THOMSEN, K. (*see* FRISCHBIER AND THOMSEN), 431
THORNEYCROFT, IAN H., MISHELL, DANIEL R., JR., STONE, SERGIO C., KHARMA, KHALIL M., AND NAKAMURA, ROBERT M. The relation of serum 17-hydroxyprogesterone and estradiol-17β levels during the human menstrual cycle, 947
— (*see* MISHELL ET AL.), 60
TOM, SHIRLEY K. H. (*see* SHEA, GARRISON, AND TOM), 801
TSAI, C. C. (*see* YEN, TSAI, AND VELA), 792
TULCHINSKY, DAN, HOBEL, CALVIN J., AND KORENMAN, STANLEY G. A radioligand assay for plasma unconjugated estriol in normal and abnormal pregnancies, 311
TULLIS, JAMES L. (*see* FRIGOLETTO ET AL.), 867
— (*see* REID ET AL.), 493
TULP, ORIEN (*see* MEEKER, DECESARIS, AND TULP), 840
TYSON, J. E. A contemporary approach to recruitment in obstetrics and gynecology, 711 (Current opinion)

U

USHER, ROBERT H., ALLEN, ALEXANDER C., AND MCLEAN, FRANCES H. Risk of respiratory distress syndrome related to gestational age, route of delivery, and maternal diabetes, 826

V

VAN DAMME, OLGA (*see* KOREN ET AL.), 846
VAN NAGELL, J. R., JR., AND RODDICK, J. W., JR. Vaginal hysterectomy as a sterilization procedure, 703

VELA, P. (*see* YEN, TSAI, AND VELA), 792
VILLEE, CLAUDE A. (*see* GABBE AND VILLEE), 31

W

WAGATSUMA, TAKASHI (*see* KINOSHITA ET AL.), 855
WARD, PATRICK C. J. (*see* HORWITZ ET AL.), 808
WARREN, JAMES C. (*see* BOLCH AND WARREN), 1107
WEINSTEIN, HOWARD (*see* POSNER ET AL.), 886
WEIR, JAMES H. Postthoracotomy galactorrhea successfully treated with clomiphene citrate, 106
WEIR, JOHN, DUNN, JOHN E., JR., AND JONES, EDWARD G. Race and age at menarche, 594 (Comm. in brief)
WEISS, HOWARD (*see* POSNER ET AL.), 886
WHALLEY, PEGGY J. (*see* PRITCHARD AND WHALLEY), 484
WIENER, MARGARET, AND FRIEDLANDER, ROBERT L. Abnormal progesterone synthesis in placental tissue from a spontaneous abortion. 942
WIEST, W. G. (*see* CSAPO, SAUVAGE, AND WIEST), 1059
WINEMAN, CATHERINE (*see* BIENIARZ ET AL.), 874

Y

YAKYMYSHYN, LOUELLA Y. (*see* REID, CAMPBELL, AND YAKYMYSHYN), 251
YEN, S. S. C., TSAI, C. C., AND VELA, P. Gestational diabetogenesis: Quantitative analyses of glucose-insulin interrelationship between normal pregnancy and pregnancy with gestational diabetes, 792
YOUNGLAI, EDWARD V., AND EFFER, SIDNEY B., WITH THE TECHNICAL ASSISTANCE OF PELLETIER, CATHARINE. Amniotic fluid progestins and estrogens in relation to length of gestation, 833
YUDIS, MELVIN, REID, JAMES, BURD, ROBERT, AND MILLERICK, JOSEPH. Septic abortion masquerading as thrombotic thrombocytopenic purpura, 350

Z

ZEIGLER, MARCIA (*see* RAZ, ZEIGLER, AND ADONI), 345
ZHAKHOVA, Z. N. (*see* GARMASHEVA ET AL.), 1083

XUM

Subject index*

A

Abortifacient, efficacy and acceptability of intravenously administered prostaglandin $F_{2\alpha}$ as (Csapo, Sauvage, and Wiest), 1059

Abortion(s) complicated by *Clostridium perfringens* infection (Pritchard and Whalley), 484

induction of, by prostaglandin $F_{2\alpha}$ (Kinoshita et al.), 855 (Comm. in brief)

law, liberalized, impact of, on medical schools, III (Stone, Gordon, and Rovinsky), 728 (Current developments)

in perspective (Endres), 436 (Current opinion)

by resident physicians in a municipal hospital center (Kopelman and Douglas), 666

role of toxoplasmosis in (Kimball, Kean, and Fuchs), 219

septic, masquerading as thrombotic thrombocytopenic purpura (Yudis et al.), 350

spontaneous, abnormal progesterone synthesis in placental tissue from (Wiener and Friedlander), 942

therapeutic (Addelson), 984 (Current opinion)

two blighted-ovum, multiple enzyme deficiencies in placental tissue from (Edlow et al.), 365

Acid(s)-base status and oxygen tension, human fetal and maternal, during delivery at high altitude (Sobrevilla et al.), 1111 (Current investigation)

concentrations, amino, in human amniotic fluid, developmental changes in, abnormal findings in maternal phenylketonuria (Thomas et al.), 38

folic, requirements of Indian pregnant women (Iyengar), 13

quantitative amino, in amniotic fluid and maternal plasma in early and late pregnancy (Reid, Campbell, and Yakymyshyn), 251

Acidosis, metabolic, effect of, on fetal brain function and metabolism (Mann et al.), 353

Adenocarcinoma, vaginal, arising in vaginal adenosis (Ruffolo, Foxworthy, and Fletcher), 167

Adenosis, vaginal, vaginal adenocarcinoma arising in (Ruffolo, Foxworthy, and Fletcher), 167

Age, gestational, and plasma proteins, placental passage of ^{14}C-dieldrin altered by (Eliason and Posner), 925

route of delivery, and maternal diabetes, risk of respiratory distress syndrome related to (Usher, Allen, and McLean), 826

maternal, and maternal thyroid function, relationships to, and retardation of progeny aged 7 years, VIII; thyroid function in human pregnancy (Man et al.), 905

at menarche, race and (Weir, Dunn, and Jones), 594 (Comm. in brief)

parity, and cigarette smoking, effect of, on baby weight (Murphy and Mulcahy), 22

Agglutination test, direct, for pregnancy (mechanisms of interference including prozoning and circulating macroglobulins), clinical and immunologic study of (Horwitz et al.), 808

Alkaline phosphatase levels, neutrophil, in normal and abnormal pregnancy (Elder, Bonello, and Ellul), 663

serum heat-stable, and urinary estrogen excretion, neutrophil alkaline phosphatase in pregnancy and its relationship to (Elder, Bonello, and Ellul), 319

neutrophil, in pregnancy and its relationship to urinary estrogen excretion and serum heat-stable alkaline phosphatase levels (Elder, Bonello, and Ellul), 319

Altitude, high, human fetal and maternal oxygen tension and acid-base status during delivery at (Sobrevilla et al.), 1111 (Current investigation)

Amenorrhea, postpartum lactation (El-Minawi and Foda), 17

primary, radioimmunoassayable plasma luteinizing hormone in (Reschini et al.), 173

American Gynecological Society, transactions of ninety-fourth annual meeting, 463-649, 719-742

Amino acid(s) concentrations in human amniotic fluid, developmental changes in, abnormal findings in maternal phenylketonuria (Thomas et al.), 38

quantitative, in amniotic fluid and maternal plasma in early and late pregnancy (Reid, Campbell, and Yakymyshyn), 251

Amnionitis and T strain mycoplasmemia (Caspi et al.), 1102

Amniotic fluid, cell-free, intracellular organelles and enzymes in (Salafsky and Nadler), 1046

embolism (Meigs), 1069

human, developmental changes in amino acid concentrations in, abnormal findings in maternal phenylketonuria (Thomas et al.), 38

identification of pressor polypeptide in (Carretero et al.), 1075

and maternal plasma, quantitative amino acids in, in early and late pregnancy (Reid, Campbell, and Yakymyshyn), 251

progestins and estrogens in relation to length of gestation (YoungLai and Effer), 833

triglyceride levels and fetal maturity, relationship between (Nelson and Freedman), 930

Ampullar and isthmic contractility of the human oviduct in vivo (Sica-Blanco et al.), 91

Amyloidosis, renal, nephrotic syndrome due to, pregnancy and (Feitelson, Ortiz, and Lindheimer), 206 (Comm. in brief)

Angiographic demonstration of persistent trophoblastic disease (Johnson and Llorens), 305 (Comm. in brief)

study of sensitivity to epinephrine of uterine arteries of guinea pig, comparison with angiotensin (Girard, Brun, and Muffat-Joly), 687

Angiotensin, comparison with, angiographic study of sensitivity to epinephrine of uterine arteries of guinea pig (Girard, Brun, and Muffat-Joly), 687

Antigen studies. HL-A leukocyte, in women with gestational trophoblastic neoplasms (Lewis and Terasaki), 547

Arteries, isolated human uterine, comparative actions of selected vasoactive drugs on (Dyer and Gough), 820

superior and inferior vesical, clinical significance of preservation of, in recovery of bladder function after radical operation for uterine cervical cancer (Hsu and Cheng), 391

uterine, of guinea pig, angiographic study of sensitivity to epinephrine of, comparison with angiotensin (Girard, Brun, and Muffat-Joly), 687

Arteriography, pelvic, in differential diagnosis of pelvic mass (Smith), 952

Assay, radioligand, for plasma unconjugated estriol in normal and abnormal pregnancies (Tulchinsky, Hobel, and Korenman), 311

Atrophic, carcinomatous, and hyperplastic endometrium and human endometrium during menstrual cycle, in vitro binding of progesterone by (Haukkamaa, Karjalainen, and Luukkainen), 205

B

Baby weight, effect of age, parity, and cigarette smoking on (Murphy and Mulcahy), 22

*September 1, 1-160; September 15, 161-310; October 1, 311-462; October 15, 463-600; November 1, 601-744; November 15, 745-866; December 1, 867-1008; December 15, 1009-1146.

XUM

Bacteriuria, asymptomatic, among the maternal care patients attending the Maternal and Child Health Clinic, Dhahran, Saudi Arabia, a study of (John), 26
during pregnancy, natural history of, effect of tetracycline on clinical course and outcome of pregnancy (Elder et al.), 441 (Current developments)
Bethanidine, effect of, on placental blood flow in conscious rabbits (de Swiet and Hoffbrand), 374
Bilirubin transfer across human placenta (Shier et al.), 677
Binding, in vitro, of progesterone by human endometrium during menstrual cycle and by hyperplastic, atrophic, and carcinomatous endometrium (Haukkamaa, Karjalainen, and Luukkainen), 205
Biology, transplantation, of mammalian gestation (Billingham), 469
Biopsy of cervix, new scalpel guide for (Jascalevich), 692
Birth weight, low, and neonatal mortality rate related to maternal smoking and socioeconomic status (Comstock et al.), 53
Bladder function, clinical significance of preservation of superior and inferior vesical arteries in recovery of, after radical operation for uterine cervical cancer (Hsu and Cheng), 391
Blighted-ovum abortions, two, multiple enzyme deficiencies in placental tissue from (Edlow et al.), 365
Blood flow, placental, in conscious rabbits, effect of bethanidine on (de Swiet and Hoffbrand), 374
uterine, and O_2 consumption following fetal death in sheep (Raye et al.), 917
unilateral control of, in the ewe (Greiss and Miller), 299 (Current investigation)
glucose and plasma insulin levels during pregnancy, effect of prostaglandin $F_{2\alpha}$ and E_2 on (Spellacy, Buhi, and Holsinger), 239
human maternal and fetal, red cell pH in, as determined by 5, 5-dimethyl-2,4-oxazolidine dione (Kirschbaum), 515
menstrual, clotting of, and clot formation, observations on (Beller), 535
whole-, riboflavin levels in mother and prenate, relationship between (Clarke), 43
Blue uterus—possible sign of uterine tuberculosis (Beyth, Adoni, and Polishuk), 858 (Comm. in brief)
Books received, 310, 600, 866, 1110
Brain function and metabolism, fetal, effect of metabolic acidosis on (Mann et al.), 353
Breast cancer, role of mammography in diagnosis of, survey in community hospital (Hinkamp), 1043
carcinoma, metastatic, uterine leiomyoma containing (Banooni, Labes, and Goodman), 427
Buccal oxytocin, optimal dosage of, for induction of labor (Chalmers and Prakash), 227

C

^{14}C-dieldrin, placental passage of, altered by gestational age and plasma proteins (Eliason and Posner), 925
Cancer, breast, role of mammography in diagnosis of, survey in community hospital (Hinkamp), 1043
of cervix, herpes simplex virus and (Plummer and Masterson), 81
gynecologic, vesicovaginal fistula, and radiation (Boronow and Rutledge), 85
ovarian, suggested prophylaxis for (Gibbs), 756
therapy, cervical, radiation reactions in (Buchler et al.), 745
uterine cervical, clinical significance of preservation of superior and inferior vesical arteries in recovery of bladder function after radical operation for (Hsu and Cheng), 391
of vulva, treatment of, with high energy electrons (Frischbier and Thomsen), 431
Candidal vaginitis, oxytetracycline-nystatin in prevention of (Silverman and Okun), 398
Capillary vascular pattern in ovarian tumors, observations on (Omar, El-Kateb, and Fathalla), 200
Carbohydrate metabolism, fetal and maternal, alterations in, in primate fetus (Little, Nasser, and Spellacy), 626
Carcinoma of endometrium, hysteroscopy as adjunct in determining extent of (Joelsson, Levine, and Moberger), 696
metastatic breast, uterine leiomyoma containing (Banooni, Labes, and Goodman), 427
primary, of Fallopian tube, clinical aspects of (Boutselis and Thompson), 98
squamous, of the cervix, cellular immunity as host response to (Goldstein, Shore, and Gusberg), 751
Carcinomatous, hyperplastic, and atrophic endometrium and human endometrium during menstrual cycle, in vitro binding of progesterone by (Haukkamaa, Karjalainen, and Luukkainen), 205
Cardiac motion, fetal, observation of, by M-mode ultrasonic cardiography (Murata, Takemura, and Kurachi), 287
Cardiography, M-mode ultrasonic, observation of fetal cardiac motion by (Murata, Takemura, and Kurachi), 287
Cardiovascular anomalies, congenital, in chick embryos exposed to x-irradiation and hypothermia (Gilani and Jaffee), 47
system and nonpregnant uterine contractility, effect of mesuprine hydrochloride upon (Cibils), 187
Catatoxic steroids, induction of premature menstruation with (Bosch and Warren), 1107 (Current investigation)
Cell(s), cilioepithelial tumor, demonstration of (Kaltenbach, Hilgarth, and Fettig), 593 (Comm. in brief)
coelomic mesothelium-like, in ovarian stroma of patients with polycystic ovary syndrome (Stein-Leventhal syndrome), (Nebel et al.), 766
disease, sickle, counseling the patient with, about reproduction, pregnancy outcome does not justify the maternal risk (Fort et al.), 324
-free amniotic fluid, intracellular organelles and enzymes in (Sálafsky and Nadler), 1046
mouse trophoblastic, in culture, growth and stimulation of, by polyoma virus (Koren et al.), 846
pH, red, in human maternal and fetal blood as determined by 5, 5-dimethyl-2,4-oxazolidine dione (Kirschbaum), 515
sperm, disappearance and breakage of, in rabbit uteri, effects of intrauterine device and ovarian status on (Hawk and Conley), 161
tumors, theca-granulosa, proliferative endometrial response to (Gusberg and Kardon), 633
X, in human placenta, immunohistochemical studies of, with anti-human chorionic gonadotropin and anti-human placental lactogen (Kim, Naftolin, and Benirschke), 672
Cellular immunity as host response to squamous carcinoma of the cervix (Goldstein, Shore, and Gusberg), 751
Cervical cancer therapy, radiation reactions in (Buchler et al.), 745
uterine, clinical significance of preservation of superior and inferior vesical arteries in recovery of bladder function after radical operation for (Hsu and Cheng), 391
Cervix, cancer of, herpes simplex virus and (Plummer and Masterson), 81
new scalpel guide for biopsy of (Jascalevich), 692
primary melanocarcinoma of (Jones, Droegemueller, and Makowski), 959
squamous carcinoma of, cellular immunity as host response to (Goldstein, Shore, and Gusberg), 751
Cesarean scar, endometrioma in, case report and review of literature (Kale, Shuster, and Shangold), 596 (Comm. in brief)
Child health care, rural maternal and, presumptuous experiment in, IV (Thiede), 736 (Current developments)

XUM

Child health—Cont'd
Clinic, Maternal and, Dhahran, Saudi Arabia, study of asymptomatic bacteriuria among the maternal care patients attending (John), 26
Choriocarcinoma, methotrexate for prophylaxis of (Ratnam, Teoh, and Dawood), 1021
transplanted human, radioglobulin localization and immunospecificity in (Mizejewski, Quinones, and Baron), 413
Chorionic gonadotropin, anti-human, and anti-human placental lactogen, immunohistochemical studies of "X cell" in human placenta with (Kim, Naftolin, and Benirschke), 672
Chromatographic quantitation, gas-liquid, of urinary estrogens in nonpregnant women, postmenopausal women, and men (Kaplan and Hreshchyshyn), 386
Chromosome studies in early embryogenesis (Sasaki et al.), 8
Cigarette smoking, age, and parity, effect of, on baby weight (Murphy and Mulcahy), 22
Cilioepithelial tumor cells, demonstration of (Kaltenbach, Hilgarth, and Fettig), 593 (Comm. in brief)
Citrate, clomiphene, postthoracotomy galactorrhea successfully treated with (Weir), 106
Classic pages, 119, 302-304, 440, 591, 718, 851-854, 993, 1119
Clearance rate, metabolic, of dehydroisoandrosterone sulfate in pregnancy, study of (Gant et al.), 555
Clomiphene citrate, postthoracotomy galactorrhea successfully treated with (Weir), 106
Clostridium perfringens infection, abortion complicated by (Pritchard and Whalley), 484
Clot formation and clotting of menstrual blood, observations on (Beller), 535
Clotting of menstrual blood and clot formation, observations on (Beller), 535
Coelomic mesothelium-like cells in ovarian stroma of patients with polycystic ovary syndrome (Stein-Leventhal syndrome) (Nebel et al.), 766
Communications in brief, 305-309, 592-597, 855-860, 1120-1122
Computer, digital, use of, in monitoring condition of fetus during labor (Flowers, Hinkley, and Hatcher), 644
Concentrations, amino acid, in human amniotic fluid, developmental changes in, abnormal findings in maternal phenylketonuria (Thomas et al.), 38
follicle-stimulating and luteinizing plasma, in postmenopausal women, effect of oxytocin on (Ances and Fajer), 773
Congenital cardiovascular anomalies in chick embryos exposed to x-irradiation and hypothermia (Gilani and Jaffee), 47
toxoplasmosis, prospective study of 4,048 obstetric patients (Kimball, Kean, and Fuchs), 211
Consultants for the AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY, 1009
Contraceptive(s) devices, intrauterine, laparoscopic removal of, following uterine perforation (Leventhal, Simon, and Shapiro), 102
oral, controversy (Preston), 994 (Current developments)
effect of, on folate metabolism (Shojania, Hornady, and Barnes), 782
nervousness and depression attributed to, a double-blind, placebo-controlled study (Goldzieher et al.), 1013
Contractility, isthmic and ampullar, of human oviduct in vivo (Sica-Blanco et al.), 91
nonpregnant uterine, and the cardiovascular system, effect of mesuprine hydrochloride upon (Cibils), 187
uterine, inhibition of, in labor (Bieniarz et al.), 867
Contrast microscopy, phase, of the placenta (Coles), 369
Correspondence, 598-599, 861-865, 1123-1124
Crystals, progesterone-specific protein, in endometrium, electron microscopic study (Nakao, Meyer, and Noda), 1034
Culture, growth and stimulation of mouse trophoblastic cells in, by polyoma virus (Koren et al.), 846
Culture—Cont'd
organ, effect of hypoxia on progesterone synthesis by placental villi in (Gabbe and Villee), 31
metabolism of 7-^{3}H-pregnenolone in normal human placenta maintained in (Meeker, DeCesaris, and Tulp), 840
Curettage, regeneration of rabbit endometrium following, I (Schenker, Sacks, and Polishuk), 970
Current developments, 120-159, 441-462, 719-742, 994-1007
Current investigation, 108-110, 299-301, 708-710, 1107-1118
Current opinion, 111-118, 436-439, 711-717, 984-992
Cycle, human menstrual, relation of serum 17-hydroxyprogesterone and estradiol-17β levels during (Thorneycroft et al.), 947
menstrual, daily variation in plasma levels of progesterone and estradiol throughout (Somerville), 419
and early pregnancy, estrogen receptor in human endometrium during (Limpaphayom et al.), 1064
human endomentrium during, and hyperplastic, atrophic, and carcinomatous endometrium, in vitro binding of progesterone by (Haukkamaa, Karjalainen, and Luukkainen), 205
normal menstrual, serum gonadotropin and steroid patterns during (Mishell et al.), 60
Cytology and histology, endometrial, long-term effects on, II; reactions of human endometrium to intrauterine foreign body (Moyer and Mishell), 66
Cytomegalic inclusion disease of a nineteen-week fetus (Altshuler and McAdams), 295

D

Death, fetal, in sheep, uterine blood flow and O_2 consumption following (Raye et al.), 917
Dehydrogenase, glucose-6-phosphate, –deficient fetus, male, hydrops fetalis and stillbirth in, possibly due to maternal ingestion of sulfisoxazole (Perkins), 379
Dehydroisoandrosterone sulfate in pregnancy, study of metabolic clearance rate of (Gant et al.), 555
Delivery at high altitude, human fetal and maternal oxygen tension and acid-base status during (Sobrevilla et al.), 1111 (Current investigation)
pregnancy, and labor, risk factors associated with complications of (Erickson), 658
route of, gestational age, and maternal diabetes, risk of respiratory distress syndrome related to (Usher, Allen, and McLean), 826
Depression and nervousness attributed to oral contraceptives, a double-blind, placebo-controlled study (Goldzieher et al.), 1013
Device(s), intrauterine contraceptive, laparoscopic removal of, following uterine perforation (Leventhal, Simon, and Shapiro), 102
and ovarian status, effects of, on disappearance and breakage of sperm cells in rabbit uteri (Hawk and Conley), 161
Diabetes, gestational, pregnancy with, quantitative analyses of glucose-insulin interrelationship between normal pregnancy and, gestational diabetogenesis (Yen, Tsai, and Vela), 792
maternal, gestational age, and route of delivery, risk of respiratory distress syndrome related to (Usher, Allen, and McLean), 826
mellitus, Class A, outcome of pregnancy in (Posner et al.), 886
in pregnancy (Shea, Garrison, and Tom), 801
Diabetic mothers, serum proteins in newborn infants of (Davidsen), 934
Diabetogenesis, gestational, quantitative analyses of glucose-insulin interrelationship between normal pregnancy and pregnancy with gestational diabetes (Yen, Tsai, and Vela), 792
Diagnosis of breast cancer, role of mammography in, survey in community hospital (Hinkamp), 1043

Diagnosis—Cont'd
differential, of pelvic mass, pelvic arteriography in (Smith), 952
by endometrial jet washings (Hibbard and Schwinn), 1039
Didelphys (pseudo-), twin pregnancy in (Mingeot and Keirse), 1121 (Comm. in brief)
Dieldrin, ^{14}C-, placental passage of, altered by gestational age and plasma proteins (Eliason and Posner), 925
Digital computer, use of, in monitoring condition of fetus during labor (Flowers, Hinkley, and Hatcher), 644
Dimethyl (5, 5-) -2,4-oxazolidine dione, red cell pH in human maternal and fetal blood as determined by (Kirschbaum), 515
Dione, 5, 5-dimethyl-2,4-oxazolidine, red cell pH in human maternal and fetal blood as determined by (Kirschbaum), 515
Diphosphoglycerate (2,3-), erythrocyte levels of, in syndrome of fetal malnutrition (Fiori and Scanlon), 681
Disease, cytomegalic inclusion, of a nineteen-week fetus (Altshuler and McAdams), 295
persistent trophoblastic, angiographic demonstration of (Johnson and Llorens), 305 (Comm. in brief)
sickle cell, counseling the patient with, about reproduction, pregnancy outcome does not justify the maternal risk (Fort et al.), 324
Distress syndrome, respiratory, risk of, related to gestational age, route of delivery, and maternal diabetes (Usher, Allen, and McLean), 826
Double-blind, placebo-controlled study, nervousness and depression attributed to oral contraceptives (Goldzieher et al.), 1013
Drugs, selected vasoactive, comparative actions of, on isolated human uterine arteries (Dyer and Gough), 820
Dysgerminoma, ovarian, hormone studies of (Kofler and Spona), 1028
Dysmature syndrome, hypercoagulability in (Frigoletto et al.), 867

E

Education, medical, urban interrelationships in, I (Evans and Plotkin), 719
Electrocoagulation, laparoscopic tubal, sterilization by, an assessment (Black), 979
Electron(s), high energy, treatment of cancer of vulva with (Frischbier and Thomsen), 431
microscope, screen scan, surface structure of human term placenta and uterine wall post partum in (Ludwig), 328
microscopic study, progesterone-specific protein crystals in endometrium (Nakao, Meyer, and Noda), 1034
Embolism, amniotic fluid (Meigs), 1069
Embryo and placenta in rabbits with normal and impaired sympathetic innervation of uterus, effect of folliculin and sigetin on development of (Garmasheva et al.), 1083
Embryogenesis, early, chromosome studies in (Sasaki et al.), 8
Endometrial histology and cytology, long-term effects on, II; reactions of human endometrium to intrauterine foreign body (Moyer and Mishell), 66
jet washings, diagnosis by (Hibbard and Schwinn), 1039
response, proliferative, to theca-granulosa cell tumors (Gusberg and Kardon), 633
Endometrioma in a cesarean scar, case report and review of literature (Kale, Shuster, and Shangold), 596 (Comm. in brief)
Endometrium, carcinoma of, hysteroscopy as adjunct in determining extent of (Joelsson, Levine, and Moberger), 696
human, estrogen receptor in, during menstrual cycle and early pregnancy (Limpaphayom et al.), 1064
Human endometrium—Cont'd
during menstrual cycle and hyperplastic, atrophic, and carcinomatous endometrium, in vitro binding of progesterone by (Haukkamaa, Karjalainen, and Luukkainen), 205
reactions of, to intrauterine foreign body; long-term effects on endometrial histology and cytology, II (Moyer and Mishell), 66
progesterone-specific protein crystals in, electron microscopic study (Nakao, Meyer, and Noda), 1034
rabbit, regeneration of, following curettage, I (Schenker, Sacks, and Polishuk), 970
Energy, high-, electrons, treatment of cancer of vulva with (Frischbier and Thomsen), 431
Enterocele, ruptured (Fox and Kowalczyk), 592 (Comm. in brief)
Enzyme(s) deficiencies, multiple, in placental tissue from two blighted-ovum abortions (Edlow et al.), 365
intracellular organelles and, in cell-free amniotic fluid (Salafsky and Nadler), 1046
placental, specific activities and isoenzyme patterns during early and late gestation (Edlow et al.), 360
Epinephrine, angiographic study of sensitivity to, of uterine arteries of guinea pig, comparison with angiotensin (Girard, Brun, and Muffat-Joly), 687
and norepinephrine in pregnancy (Goodall and Diddle), 896
uterine response to, hormonal environment and (Raz, Zeigler, and Adoni), 345
Erythrocyte levels of 2,3-diphosphoglycerate in syndrome of fetal malnutrition (Fiori and Scanlon), 681
Estradiol and progesterone, daily variation in plasma levels of, throughout the menstrual cycle (Somerville), 419
-17β and serum 17-hydroxyprogesterone levels, relation of, during the human menstrual cycle (Thorneycroft et al.), 947
Estriol, plasma unconjugated, in normal and abnormal pregnancies, radioligand assay for (Tulchinsky, Hobel, and Korenman), 311
Estrogen(s) excretion, urinary, and serum heat-stable alkaline phosphatase levels, neutrophil alkaline phosphatase in pregnancy and its relationship to (Elder, Bonello, and Ellul), 319
and progestins, amniotic fluid, in relation to length of gestation (YoungLai and Effer), 833
receptor in human endometrium during menstrual cycle and early pregnancy (Limpaphayom et al.), 1064
urinary, gas-liquid chromatographic quantitation of, in nonpregnant women, postmenopausal women, and men (Kaplan and Hreshchyshyn), 386
radioimmunoassay of (Aoki and Hreshchyshyn), 382
Excretion, sodium and water, effects of hypotonic expansion on, in hypertensive non-pre-eclamptic gravidas (Lindheimer and Katz), 1053
urinary estrogen, and serum heat-stable alkaline phosphatase levels, neutrophil alkaline phosphatase in pregnancy and its relationship to (Elder, Bonello, and Ellul), 319

F

Fallopian tube, clinical aspects of primary carcinoma of (Boutselis and Thompson), 98
Fetal brain function and metabolism, effect of metabolic acidosis on (Mann et al.), 353
cardiac motion, observation of, by M-mode ultrasonic cardiography (Murata, Takemura, and Kurachi), 287
death in sheep, uterine blood flow and O_2 consumption following (Raye et al.), 917
distribution of saccharin, placental transmission and (Pitkin et al.), 280
malnutrition, fetal, syndrome of, erythrocyte levels of 2,3-diphosphoglycerate in (Fiori and Scanlon), 681

XUM

Fetal—Cont'd
and maternal blood, human, red cell pH in, as determined by 5, 5-dimethyl-2,4-oxazolidine dione (Kirschbaum), 515
carbohydrate metabolism, alterations in, in primate fetus (Little, Nasser, and Spellacy), 626
oxygen tension and acid-base status, human, during delivery at high altitude (Sobrevilla et al.), 1111 (Current investigation)
maturity and amniotic fluid triglyceride levels, relationship between (Nelson and Freedman), 930
and obstetric complications in folate-deficient adolescent girls (Daniel, Mounger, and Perkins), 233
Fetalis, hydrops, and stillbirth in a male glucose-6-phosphate dehydrogenase–deficient fetus possibly due to maternal ingestion of sulfisoxazole (Perkins), 379
Fetus during labor, use of digital computer in monitoring condition of (Flowers, Hinkley, and Hatcher), 644
male glucose-6-phosphate dehydrogenase–deficient, hydrops fetalis and stillbirth in, possibly due to maternal ingestion of sulfisoxazole (Perkins), 379
and mother during labor, metabolic effects of hypertonic fructose infusion on (Pearson and Shuttleworth), 259
in rhesus monkey, pharmacologic effects of nicotine upon (Suzuki et al.), 1092
nineteen-week, cytomegalic inclusion disease of (Altshuler and McAdams), 295
primate, alterations in fetal and maternal carbohydrate metabolism in (Little, Nasser, and Spellacy), 626
Fibers, human myometrial, action potential of (Nakajima), 266
Fistula, vesicovaginal, early repair of (Collins et al.), 524
radiation, and gynecologic cancer (Boronow and Rutledge), 85
Flow, placental blood, in conscious rabbits, effect of bethanidine on (de Swiet and Hoffbrand), 374
uterine blood, unilateral control of, in the ewe (Greiss and Miller), 299 (Current investigation)
amniotic, and maternal plasma, quantitative amino acids in, in early and late pregnancy (Reid, Campbell, and Yakymyshyn), 251
cell-free amniotic, intracellular organelles and enzymes in (Salafsky and Nadler), 1046
embolism, amniotic (Meigs), 1069
human amniotic, developmental changes in amino acid concentrations in, abnormal findings in maternal phenylketonuria (Thomas et al.), 38
identification of pressor polypeptide in (Carretero et al.), 1075
progestins and estrogens, amniotic, in relation to length of gestation (YoungLai and Effer), 833
triglyceride levels, amniotic, and fetal maturity, relationship between (Nelson and Freedman), 930
Folate-deficient adolescent girls, obstetric and fetal complications in (Daniel, Mounger, and Perkins), 233
metabolism, effect of oral contraceptives on (Shojania, Hornady, and Barnes), 782
Folic acid requirements of Indian pregnant women (Iyengar), 13
Follicle-stimulating hormone, comparison of daily with twice-weekly injections of, for treatment of failure of ovulation (Crooke, Sutaria, and Bertrand), 405
and luteinizing plasma concentrations in postmenopausal women, effect of oxytocin on (Ances and Fajer), 773
Follicular maturation and function, human, role of luteinizing hormone in (Berger and Taymor), 708 (Current investigation)
Folliculin and sigetin, effect of, on development of embryo and placenta in rabbits with normal and impaired sympathetic innervation of uterus (Garmasheva et al.), 1083
Foreign body, intrauterine, reactions of human endometrium to; long-term effects on endometrial histology and cytology, II (Moyer and Mishell), 66
Fructose infusion, hypertonic, metabolic effects of, on mother and fetus during labor (Pearson and Shuttleworth), 259

G

Galactorrhea, postthoracotomy, successfully treated with clomiphene citrate (Weir), 106
Gas-liquid chromatographic quantitation of urinary estrogens in nonpregnant women, postmenopausal women, and men (Kaplan and Hreshchyshyn), 386
Gestation, amniotic fluid progestins and estrogens in relation to length of (YoungLai and Effer), 833
early and late, specific activities and isoenzyme patterns during, placental enzymes (Edlow et al.), 360
mammalian, transplantation biology of (Billingham), 469
Gestational age and plasma proteins, placental passage of ^{14}C-dieldrin altered by (Eliason and Posner), 925
route of delivery, and maternal diabetes, risk of respiratory distress syndrome related to (Usher, Allen, and McLean), 826
diabetogenesis, quantitative analyses of glucose-insulin interrelationship between normal pregnancy and pregnancy with gestational diabetes (Yen, Tsai, and Vela), 792
increase in serum hexosaminidase B, investigation of (Huddleston et al.), 804
trophoblastic neoplasms, HL-A leukocyte antigen studies in women with (Lewis and Terasaki), 547
Glomerular lesion, toxemic, serum proteins in patients with (McCartney, Schumacher, and Spargo), 580
Glucose, blood, and plasma insulin levels during pregnancy, effect of prostaglandin $F_{2\alpha}$ and E_2 on (Spellacy, Buhi, and Holsinger), 239
-insulin interrelationship between normal pregnancy and pregnancy with gestational diabetes, quantitative analyses of, gestational diabetogenesis (Yen, Tsai, and Vela), 792
-6-phosphate dehydrogenase–deficient fetus, male, hydrops fetalis and stillbirth in, possibly due to maternal ingestion of sulfisoxazole (Perkins), 379
Gonadotropin, anti–human chorionic, and anti–human placental lactogen, immunohistochemical studies of "X cell" in human placenta with (Kim, Naftolin, and Benirschke), 672
and steroid patterns, serum, during the normal menstrual cycle (Mishell et al.), 60
Granulosa, theca-, cell tumors, proliferative endometrial response to (Gusberg and Kardon), 633
Gravidas, hypertensive non–pre-eclamptic, effects of hypotonic expansion on sodium and water excretion in (Lindheimer and Katz), 1053
Gynecologic cancer, vesicovaginal fistula, and radiation (Boronow and Rutledge), 85
Gynecology and obstetrics, contemporary approach to recruitment in (Tyson), 711 (Current opinion)
university department of, what shall be role of, research in delivery of female health care, II (Prystowsky), 725 (Current developments)

H

^{3}H-pregnenolone (7-), metabolism of, in normal human placenta maintained in organ culture (Meeker, DeCesaris, and Tulp), 840
Health care, research in delivery of, what shall be role of university department of obstetrics and gynecology, II (Prystowsky), 725 (Current developments)
rural maternal and child, presumptuous experiment in, IV (Thiede), 736 (Current developments)

Health—Cont'd
Clinic, Maternal and Child, Dhahran, Saudi Arabia, study of asymptomatic bacteriuria among the maternal care patients attending (John), 26
Heat-stable alkaline phosphatase levels, serum, and urinary estrogen excretion, neutrophil alkaline phospatase in pregnancy and its relationship to (Elder, Bonello, and Ellul), 319
Hemoglobin synthesis and pregnancy, inherited disorders of (Perkins), 120 (Current developments)
Hernia, incisional, containing an incarcerated twin pregnant uterus (Fullman), 308 (Comm. in brief)
Herpes simplex virus and cancer of the cervix (Plummer and Masterson), 81
Hexosaminidase B, serum, investigation of gestational increase in (Huddleston et al.), 804
High altitude, human fetal and maternal oxygen tension and acid-base status during delivery at (Sobrevilla et al.), 1111 (Current investigation)
-risk obstetrics, evaluation of effects of intensified care on pregnancy outcome, VI (DeGeorge, Nesbitt, and Aubry), 650
Histology and cytology, endometrial, long-term effects on, II; reactions of human endometrium to intrauterine foreign body (Moyer and Mishell), 66
HL-A leukocyte antigen studies in women with gestational trophoblastic neoplasms (Lewis and Terasaki), 547
Hormonal environment and uterine response to epinephrine (Raz, Zeigler, and Adoni), 345
Hormone, follicle-stimulating, comparison of daily with twice-weekly injections of, for treatment of failure of ovulation (Crooke, Sutaria, and Bertrand), 405
luteinizing, role of, in human follicular maturation and function (Berger and Taymor), 708 (Current investigation)
plasma luteinizing radioimmunoassayable, in primary amenorrhea (Reschini et al.), 173
studies of ovarian dysgerminoma (Kofler and Spona), 1028
Hospital center, municipal, abortions by resident physicians in (Kopelman and Douglas), 666
Host response to squamous carcinoma of the cervix, cellular immunity as (Goldstein, Shore, and Gusberg), 751
Hydrochloride, mesuprine, effect of, upon nonpregnant uterine contractility and the cardiovascular system (Cibils), 187
Hydrops fetalis and stillbirth in a male glucose-6-phosphate dehydrogenase–deficient fetus possibly due to maternal ingestion of sulfisoxazole (Perkins), 379
Hydroxyprogesterone (17-), serum, and estradiol-17β levels, relation of, during the human menstrual cycle (Thorneycroft et al.), 947
Hypercoagulability in the dysmature syndrome (Frigoletto et al.), 867
Hypercoagulable states in pregnancy (Reid et al.), 493
Hyperplastic, atrophic, and carcinomatous endometrium and human endometrium during menstrual cycle, in vitro binding of progesterone by (Haukkamaa, Karjalainen, and Luukkainen), 205
Hypertensive non–pre-eclamptic gravidas, effects of hypotonic expansion on sodium and water excretion in (Lindheimer and Katz), 1053
Hypertonic fructose infusion, metabolic effects of, on mother and fetus during labor (Pearson and Shuttleworth), 259
Hypothermia and x-irradiation, congenital cardiovascular anomalies in chick embryos exposed to (Gilani and Jaffee), 47
Hypotonic expansion, effects of, on sodium and water excretion in hypertensive non–pre-eclamptic gravidas (Lindheimer and Katz), 1053
Hypoxia, effect of, on progesterone synthesis by placental villi in organ culture (Gabbe and Villee), 31
Hysterectomy, vaginal, as sterilization procedure (van Nagell and Roddick), 703
Hysteroscopy as adjunct in determining extent of carcinoma of endometrium (Joelsson, Levine, and Moberger), 696

I

Immunity, cellular, as host response to squamous carcinoma of the cervix (Goldstein, Shore, and Gusberg), 751
Immunohistochemical studies of "X cell" in human placenta with anti–human chorionic gonadotropin and anti–human placental lactogen (Kim, Naftolin, and Benirschke), 672
Immunologic study, clinical and, of direct agglutination test for pregnancy (mechanisms of interference including prozoning and circulating macroglobulins) (Horwitz et al.), 808
Immunospecificity and localization, radioglobulin, in transplanted human choriocarcinoma (Mizejewski, Quinones, and Baron), 413
Immunosuppressives, problems from, during pregnancy (Lower et al.), 1120 (Comm. in brief)
Incisional hernia containing an incarcerated twin pregnant uterus (Fullman), 308 (Comm. in brief)
Inclusion disease, cytomegalic, of a nineteen-week fetus (Altshuler and McAdams), 295
Indian pregnant women, folic acid requirements of (Iyengar), 13
Induction of abortion by prostaglandin $F_{2\alpha}$ (Kinoshita et al.), 855 (Comm. in brief)
labor, optimal dosage of buccal oxytocin for (Chalmers and Prakash), 227
Infants, newborn, of diabetic mothers, serum proteins in (Davidsen), 934
Infection, *Clostridium perfringens*, abortion complicated by (Pritchard and Whalley), 484
Inferior and superior vesical arteries, clinical significance of preservation of, in recovery of bladder function after radical operation for uterine cervical cancer (Hsu and Cheng), 391
Infusion, hypertonic fructose, metabolic effects of, on mother and fetus during labor (Pearson and Shuttleworth), 259
Inherited disorders of hemoglobin synthesis and pregnancy (Perkins), 120 (Current developments)
Injections of follicle-stimulating hormone for treatment of failure of ovulation, comparison of daily with twice-weekly (Crooke, Sutaria, and Bertrand), 405
Injuries, ureteral, vaginal repair of (Thompson and Benigno), 601
Innervation of uterus, normal and impaired sympathetic, effect of folliculin and sigetin on development of embryo and placenta in rabbits with (Garmasheva et al.), 1083
Insulin, glucose-, interrelationship between normal pregnancy and pregnancy with gestational diabetes, quantitative analyses of, gestational diabetogenesis (Yen, Tsai, and Vela), 792
plasma, and blood glucose levels during pregnancy, effect of prostaglandin $F_{2\alpha}$ and E_2 on (Spellacy, Buhi, and Holsinger), 239
Interrelationship(s), glucose-insulin, between normal pregnancy and pregnancy with gestational diabetes, quantitative analyses of, gestational diabetogenesis (Yen, Tsai, and Vela), 792
urban, in medical education, I (Evans and Plotkin), 719 (Current developments)
Intracellular organelles and enzymes in cell-free amniotic fluid (Salafsky and Nadler), 1046
Intrauterine contraceptive devices, laparoscopic removal of, following uterine perforation (Leventhal, Simon, and Shapiro), 102
device and ovarian status, effects of, on disappearance and breakage of sperm cells in rabbit uteri (Hawk and Conley), 161

XUM

Intrauterine—Cont'd
foreign body, reactions of human endometrium to; long-term effects on endometrial histology and cytology, II (Moyer and Mishell), 66
Intravenous prostaglandins $F_{2\alpha}$ and E_2, efficacy and tolerance of (Hendricks et al.), 564
Intravenously administered prostaglandin $F_{2\alpha}$, efficacy and acceptability of, as abortifacient (Csapo, Sauvage, and Wiest), 1059
Isoenzyme patterns and specific activities during early and late gestation, placental enzymes (Edlow et al.), 360
Isthmic and ampullar contractility of the human oviduct in vivo (Sica-Blanco et al.), 91
Items, 160, 743, 1008

J

Jet washings, endometrial, diagnosis by (Hibbard and Schwinn), 1039

K

Kidney, spontaneous rupture of, associated with pregnancy (Aaro and Kelalis), 270

L

Labor, delivery, and pregnancy, risk factors associated with complications of (Erickson), 658
inhibition of uterine contractility in (Bieniarz et al.), 867
metabolic effects of hypertonic fructose infusion on mother and fetus during (Pearson and Shuttleworth), 259
optimal dosage of buccal oxytocin for induction of (Chalmers and Prakash), 227
use of digital computer in monitoring condition of fetus during (Flowers, Hinkley, and Hatcher), 644
Lactation amenorrhea, postpartum (El-Minawi and Foda), 17
Lactogen, anti-human placental, and anti-human chorionic gonadotropin, immunohistochemical studies of "X cell" in human placenta with (Kim, Naftolin, and Benirschke), 672
Laparoscopic removal of intrauterine contraceptive devices following uterine perforation (Leventhal, Simon, and Shapiro), 102
tubal electrocoagulation, sterilization by, an assessment (Black), 979
Law, liberalized abortion, impact of, on medical schools, III (Stone, Gordon, and Rovinsky), 728 (Current developments)
Legal, medical, and social implications, rape (Evrard), 197
Leiomyoma, uterine, containing metastatic breast carcinoma (Banooni, Labes, and Goodman), 427
Lesion, toxemic glomerular, serum proteins in patients with (McCartney, Schumacher, and Spargo), 580
Leukocyte antigen studies, HL-A, in women with gestational trophoblastic neoplasms (Lewis and Terasaki), 547
Liquid, gas-, chromatographic quantitation of urinary estrogens in nonpregnant women, postmenopausal women, and men (Kaplan and Hreshchyshyn), 386
Luteinizing hormone, plasma radioimmunoassayable, in primary amenorrhea (Reschini et al.), 173
role of, in human follicular maturation and function (Berger and Taymor), 708 (Current investigation)
plasma concentrations, follicle-stimulating and, in postmenopausal women, effect of oxytocin on (Ances and Fajer), 773

M

M-mode ultrasonic cardiography, observation of fetal cardiac motion by (Murata, Takemura, and Kurachi), 287
Macroglobulins, prozoning and circulating, mechanisms of interference including, clinical and immunologic study of direct agglutination test for pregnancy (Horwitz et al.), 808
Malnutrition, fetal, erythrocyte levels of 2,3-diphosphoglycerate in syndrome of (Fiori and Scanlon), 681
Mammalian gestation, transplantation biology of (Billingham), 469
Mammography, role of, in diagnosis of breast cancer, survey in community hospital (Hinkamp), 1043
Mass, pelvic, pelvic arteriography in differential diagnosis of (Smith), 952
Maternal age and maternal thyroid function, relationships to, and retardation of progeny aged 7 years, VIII; thyroid function in human pregnancy (Man et al.), 905
care patients attending the Maternal and Child Health Clinic, Dhahran, Saudi Arabia, a study of asymptomatic bacteriuria among (John), 26
and child health care, rural, presumptuous experiment in, IV (Thiede), 736 (Current developments)
diabetes, gestational age, and route of delivery, risk of respiratory distress syndrome related to (Usher, Allen, and McLean), 826
and fetal blood, human, red cell pH in, as determined by 5, 5-dimethyl-2,4-oxazolidine dione (Kirschbaum), 515
carbohydrate metabolism, alterations in, in primate fetus (Little, Nasser, and Spellacy), 626
oxygen tension and acid-base status, human, during delivery at high altitude (Sobrevilla et al.), 1111 (Current investigation)
ingestion of sulfisoxazole, hydrops fetalis and stillbirth in a male glucose-6-phosphate-deficient fetus possibly due to (Perkins), 379
phenylketonuria, abnormal findings in, developmental changes in amino acid concentrations in human amniotic fluid (Thomas et al.), 38
plasma and amniotic fluid, quantitative amino acids in, in early and late pregnancy (Reid, Campbell, and Yakymyshyn), 251
risk, pregnancy outcome does not justify, counseling the patient with sickle cell disease about reproduction (Fort et al.), 324
smoking and socioeconomic status, low birth weight and neonatal mortality rate related to (Comstock et al.), 53
weight behavior during the puerperium, observations of (Sheikh), 244
Maturation and function, human follicular, role of luteinizing hormone in (Berger and Taymor), 708 (Current investigation)
Maturity, fetal, and amniotic fluid triglyceride levels, relationship between (Nelson and Freedman), 930
Medical education, urban interrelationships in, I (Evans and Plotkin), 719
oddity, forgotten pessary (Summers and Ford), 307 (Comm. in brief)
schools, impact of liberalized abortion law on, III (Stone, Gordon, and Rovinsky), 728 (Current developments)
social, and legal implications, rape (Evrard), 197
Melanocarcinoma, primary, of cervix (Jones, Droegemueller, and Makowski), 959
Mellitus, Class A diabetes, outcome of pregnancy in (Posner et al.), 886
Menarche, age at, race and (Weir, Dunn, and Jones), 594 (Comm. in brief)
Menopausal (post-) women, effect of oxytocin on follicle-stimulating and luteinizing plasma concentrations in (Ances and Fajer), 773
nonpregnant women, and men, gas-liquid chromatographic quantitation of urinary estrogens in (Kaplan and Hreshchyshyn), 386
Menopause, graded sequential therapy in, double-blind study (Martin et al.), 178
Menstrual blood, clotting of, and clot formation, observations on (Beller), 535
cycle, daily variation in plasma levels of progesterone and estradiol throughout (Somerville), 419

Menstrual cycle—Cont'd
and early pregnancy, estrogen receptor in human endometrium during (Limpaphayom et al.), 1064
human endometrium during, and hyperplastic, atrophic, and carcinomatous endometrium, in vitro binding of progesterone by (Haukkamaa, Karjalainen, and Luukkainen), 205
relation of serum 17-hydroxyprogesterone and estradiol-17β levels during (Thorneycroft et al.), 947
normal, serum gonadotropin and steroid patterns during (Mishell et al.), 60
Menstruation, premature, induction of, with catatoxic steroids (Bosch and Warren), 1107 (Current investigation)
Mesothelium-like cells, coelomic, in ovarian stroma of patients with polycystic ovary syndrome (Stein-Leventhal syndrome) (Nebel et al.), 766
Mesuprine hydrochloride, effect of, upon nonpregnant uterine contractility and the cardiovascular system (Cibils), 187
Metabolic acidosis, effect of, on fetal brain function and metabolism (Mann et al.), 353
clearance rate of dehydroisoandrosterone sulfate in pregnancy, study of (Gant et al.), 555
effects of hypertonic fructose infusion on the mother and fetus during labor (Pearson and Shuttleworth), 259
Metabolism, fetal brain function and, effect of metabolic acidosis on (Mann et al.), 353
and maternal carbohydrate, alterations in, in primate fetus (Little, Nasser, and Spellacy), 626
folate, effect of oral contraceptives on (Shojania, Hornady, and Barnes), 782
of 7-^{3}H-pregnenolone in normal human placenta maintained in organ culture (Meeker, DeCesaris, and Tulp), 840
Metastatic breast carcinoma, uterine leiomyoma containing (Banooni, Labes, and Goodman), 427
Methotrexate for prophylaxis of choriocarcinoma (Ratnam, Teoh, and Dawood), 1021
Microscope, screen scan electron, surface structure of human term placenta and uterine wall post partum in (Ludwig), 328
Microscopic study, electron, progesterone-specific protein crystals in endometrium (Nakao, Meyer, and Noda), 1034
Microscopy, phase contrast, of the placenta (Coles), 369
Midwives, nurse-, obstetricians' attitudes toward (Goldsmith, Johnson, and Lerner), 111 (Current opinion)
Monitoring condition of fetus during labor, use of digital computer in (Flowers, Hinkley, and Hatcher), 644
Mortality rate, neonatal, and low birth weight related to maternal smoking and socioeconomic status (Comstock et al.), 53
Mother(s), diabetic, serum proteins in newborn infants of (Davidsen), 934
and fetus during labor, metabolic effects of hypertonic fructose infusion on (Pearson and Shuttleworth), 259
in rhesus monkey, pharmacologic effects of nicotine upon (Suzuki et al.), 1092
and prenate, relationship between whole-blood riboflavin levels in (Clarke), 43
Municipal hospital center, abortions by resident physicians in (Kopelman and Douglas), 666
Mycoplasmemia, T strain, amnionitis and (Caspi et al.), 1102
Myoendometrial and placental vasculatures, differential reactivity of, vasodilatation (Greiss), 611
Myometrial fibers, human, action potential of (Nakajima), 266

N

Neonatal mortality rate and low birth weight related to maternal smoking and socioeconomic status (Comstock et al.), 53
Neoplasms, gestational trophoblastic, HL-A leukocyte antigen studies in women with (Lewis and Terasaki), 547
Nephrotic syndrome due to renal amyloidosis, pregnancy and (Feitelson, Ortiz, and Lindheimer), 206 (Comm. in brief)
Nervousness and depression attributed to oral contraceptives, a double-blind, placebo-controlled study (Goldzieher et al.), 1013
Neutrophil alkaline phospatase levels in normal and abnormal pregnancy (Elder, Bonello, and Ellul), 663
in pregnancy and its relationship to urinary estrogen excretion and serum heat-stable alkaline phosphatase levels (Elder, Bonello, and Ellul), 319
Newborn infants of diabetic mothers, serum proteins in (Davidsen), 934
Nicotine, pharmacologic effects of, upon fetus and mother in rhesus monkey (Suzuki et al.), 1092
Norepinephrine and epinephrine in pregnancy (Goodall and Diddle), 896
Nurse-midwives, obstetricians' attitudes toward (Goldsmith, Johnson, and Lerner), 111 (Current opinion)
Nystatin, oxytetracycline-, in prevention of candidal vaginitis (Silverman and Okun), 398

O

O_2 consumption and uterine blood flow following fetal death in sheep (Raye et al.), 917
Obstetric(s) factors, certain, relationship between prepregnancy weight and (Peckham and Christianson), 1
and fetal complications in folate-deficient adolescent girls (Daniel, Mounger, and Perkins), 233
and gynecology, contemporary approach to recruitment in (Tyson), 711 (Current opinion)
university department of, what shall be role of, research in delivery of female health care, II (Prystowsky), 725 (Current developments)
high-risk evaluation of effects of intensified care on pregnancy outcome, VI (DeGeorge, Nesbitt, and Aubry), 650
patients, 4,048, prospective study of, congenital toxoplasmosis (Kimball, Kean, and Fuchs), 211
Obstetricians' attitudes toward nurse-midwives (Goldsmith, Johnson, and Lerner), 111 (Current opinion)
Operation, radical, for uterine cervical cancer, clinical significance of preservation of superior and inferior vesical arteries in recovery of bladder function after (Hsu and Cheng), 391
Oral contraceptive(s) controversy (Preston), 994 (Current developments)
effect of, on folate metabolism (Shojania, Hornady, and Barnes), 782
nervousness and depression attributed to, a double-blind, placebo-controlled study (Goldzieher et al.), 1013
Organ culture, effect of hypoxia on progesterone synthesis by placental villi in (Gabbe and Villee), 31
metabolism of 7-^{3}H-pregnenolone in normal human placenta maintained in (Meeker, DeCesaris, and Tulp), 840
Organelles, intracellular, and enzymes in cell-free amniotic fluid (Salafsky and Nadler), 1046
Ovarian cancer, suggested prophylaxis for (Gibbs), 756
dysgerminoma, hormone studies of (Kofler and Spona), 1028
function in rats, effect of prenatal administration of testosterone on (Fels and Bosch), 964
status and intrauterine device, effects of, on disappearance and breakage of sperm cells in rabbit uteri (Hawk and Conley), 161
stroma of patients with polycystic ovary syndrome (Stein-Leventhal syndrome), coelomic mesothelium-like cells in (Nebel et al.), 766
tumors, extension of Peutz-Jeghers syndrome (Christian), 529

XUM

Ovarian tumors—Cont'd
observations on capillary vascular pattern in (Omar, El-Kateb, and Fathalla), 200
Ovary syndrome, polycystic (Stein-Leventhal syndrome), coelomic mesothelium-like cells in ovarian stroma of patients with (Nebel et al.), 766
Oviduct, human, in vivo, isthmic and ampullar contractility of (Sica-Blanco et al.), 91
Ovulation, comparison of daily with twice-weekly injections of follicle-stimulating hormone for treatment of failure of (Crooke, Sutaria, and Bertrand), 405
Ovum, blighted-, abortions, two, multiple enzyme deficiencies in placental tissue from (Edlow et al.), 365
Oxazolidine dione (5, 5-dimethyl-2,4-), red cell pH in human maternal and fetal blood as determined by (Kirschbaum), 515
Oxygen tension and acid-base status, human fetal and maternal, during delivery at high altitude (Sobrevilla et al.), 1111 (Current investigation)
Oxytetracycline-nystatin in prevention of candidal vaginitis (Silverman and Okun), 398
Oxytocin, buccal, optimal dosage of, for induction of labor (Chalmers and Prakash), 227
effect of, on follicle-stimulating and luteinizing plasma concentrations in postmenopausal women (Ances and Fajer), 773

P

Parity, cigarette smoking, and age, effect of, on baby weight (Murphy and Mulcahy), 22
Partum (post-) lactation amenorrhea (El-Minawi and Foda), 17
uterine wall post, and human term placenta, surface structure of, in screen scan electron microscope (Ludwig), 328
Pelvic arteriography in differential diagnosis of pelvic mass (Smith), 952
Perforation, uterine, laparoscopic removal of intrauterine contraceptive devices following (Leventhal, Simon, and Shapiro), 102
Perfringens, Clostridium, infection, abortion complicated by (Pritchard and Whalley), 484
Pessary, forgotten, medical oddity (Summers and Ford), 307 (Comm. in brief)
Peutz-Jeghers syndrome, extension of, ovarian tumors (Christian), 529
pH, red cell, in human maternal and fetal blood as determined by 5, 5-dimethyl-2,4-oxazolidine dione (Kirschbaum), 515
Pharmacologic effects of nicotine upon fetus and mother in rhesus monkey (Suzuki et al.), 1092
Phase contrast microscopy of the placenta (Coles), 369
Phenylketonuria, maternal, abnormal findings in, developmental changes in amino acid concentrations in human amniotic fluid (Thomas et al.), 38
Phosphatase levels, neutrophil alkaline, in normal and abnormal pregnancy (Elder, Bonello, and Ellul), 663
serum heat-stable alkaline, and urinary estrogen excretion, neutrophil alkaline phosphatase in pregnancy and its relationship to (Elder, Bonello, and Ellul), 319
Phosphate, glucose-6-, dehydrogenase-deficient fetus, male, hydrops fetalis and stillbirth in, possibly due to maternal ingestion of sulfisoxazole (Perkins), 379
Physicians, resident, in municipal hospital center, abortions by (Kopelman and Douglas), 666
Placebo-controlled study, double-blind, nervousness and depression attributed to oral contraceptives (Goldzieher et al.), 1013
Placenta, embryo and, in rabbits with normal and impaired sympathetic innervation of uterus, effect of folliculin and sigetin on development of (Garmasheva et al.), 1083
human, bilirubin transfer across (Shier et al.), 677
immunohistochemical studies of "X cell" in, with anti–human chorionic gonadotropin and anti–human placental lactogen (Kim, Naftolin, and Benirschke), 672
term, and uterine wall post partum, surface structure of, in screen scan electron microscope (Ludwig), 328
normal human, maintained in organ culture, metabolism of 7-^{3}H-pregnenolone in (Meeker, DeCesaris, and Tulp), 840
phase contrast microscopy of (Coles), 369
Placental blood flow in conscious rabbits, effect of bethanidine on (de Swiet and Hoffbrand), 374
enzymes, specific activities and isoenzyme patterns during early and late gestation (Edlow et al.), 360
lactogen, anti–human, and anti–human chorionic gonadotropin, immunohistochemical studies of "X cell" in human placenta with (Kim, Naftolin, and Benirschke), 672
passage of ^{14}C-dieldrin altered by gestational age and plasma proteins (Eliason and Posner), 925
tissue from a spontaneous abortion, abnormal progesterone synthesis in (Wiener and Friedlander), 942
from two blighted-ovum abortions, multiple enzyme deficiencies in (Edlow et al.), 365
transmission and fetal distribution of saccharin (Pitkin et al.), 280
vasculatures, myoendometrial and, differential reactivity of, vasodilatation (Greiss), 611
villi in organ culture, effect of hypoxia on progesterone synthesis by (Gabbe and Villee), 31
Plasma concentrations, follicle-stimulating and luteinizing, in postmenopausal women, effect of oxytocin on (Ances and Fajer), 773
insulin and blood glucose levels during pregnancy, effect of prostaglandin $F_{2\alpha}$ and E_2 on (Spellacy, Buhi, and Holsinger), 239
levels of progesterone and estradiol, daily variation in, throughout the menstrual cycle (Somerville), 419
luteinizing hormone, radioimmunoassayable, in primary amenorrhea (Reschini et al.), 173
maternal, and amniotic fluid, quantitative amino acids in, in early and late pregnancy (Reid, Campbell, and Yakymyshyn), 251
proteins and gestational age, placental passage of ^{14}C-dieldrin altered by (Eliason and Posner), 925
unconjugated estriol in normal and abnormal pregnancies, radioligand assay for (Tulchinsky, Hobel, and Korenman), 311
Polycystic ovary syndrome (Stein-Leventhal syndrome), coelomic mesothelium-like cells in ovarian stroma of patients with (Nebel et al.), 766
Polyoma virus, growth and stimulation of mouse trophoblastic cells in culture by (Koren et al.), 846
Polypeptide, pressor, identification of, in human amniotic fluid (Carretero et al.), 1075
Pre-eclamptic (non–) gravidas, hypertensive, effects of hypotonic expansion on sodium and water excretion in (Lindheimer and Katz), 1053
Pregnant (non-) uterine contractility and the cardiovascular system, effect of mesuprine hydrochloride upon (Cibils), 187
women, postmenopausal women, and men, gas-liquid chromatographic quantitation of urinary estrogens in (Kaplan and Hreshchyshyn), 386
uterus, incarcerated twin, incisional hernia containing (Fullman), 308 (Comm. in brief)
women, Indian, folic acid requirements of (Iyengar), 13

Pregnancy(ies), clinical and immunologic study of direct agglutination test for (mechanisms of interference including prozoning and circulating macroglobulins) (Horwitz et al.), 808
diabetes in (Shea, Garrison, and Tom), 801
early and late, quantitative amino acids in amniotic fluid and maternal plasma in (Reid, Campbell, and Yakymyshyn), 251
menstrual cycle and, estrogen receptor in human endometrium during (Limpaphayom et al.), 1064
effect of prostaglandin $F_{2\alpha}$ and E_2 on blood glucose and plasma insulin levels during (Spellacy, Buhi, and Holsinger), 239
epinephrine and norepinephrine in (Goodall and Diddle), 896
and hemoglobin synthesis, inherited disorders of (Perkins), 120 (Current developments)
human, thyroid function in; retardation of progeny aged 7 years and relationships to maternal age and maternal thyroid function, VIII (Man et al.), 905
hypercoagulable states in (Reid et al.), 493
labor, and delivery, risk factors associated with complications of (Erickson), 658
natural history of asymptomatic bacteriuria during, effect of tetracycline on clinical course and outcome of pregnancy (Elder et al.), 441 (Current developments)
and nephrotic syndrome due to renal amyloidosis (Feitelson, Ortiz, and Lindheimer), 306 (Comm. in brief)
neutrophil alkaline phosphatase in, and its relationship to urinary estrogen excretion and serum heat-stable alkaline phosphatase levels (Elder, Bonello, and Ellul), 319
normal and abnormal, neutrophil alkaline phosphatase levels in (Elder, Bonello, and Ellul), 663
radioligand assay for plasma unconjugated estriol in (Tulchinsky, Hobel, and Korenman), 311
and pregnancy with gestational diabetes, quantitative analyses of glucose-insulin interrelationship between, gestational diabetogenesis (Yen, Tsai, and Vela), 792
outcome of, in Class A diabetes mellitus (Posner et al.), 886
does not justify the maternal risk, counseling the patient with sickle cell disease about reproduction (Fort et al.), 324
evaluation of effects of intensified care on, VI; high-risk obstetrics (DeGeorge, Nesbitt, and Aubry), 650
(pre-) weight and certain obstetric factors, relationship between (Peckham and Christianson), 1
pregnenolone production in (Little et al.), 505
problems from immunosuppressives during (Lower et al.), 1120 (Comm. in brief)
spontaneous rupture of kidney associated with (Aaro and Kelalis), 270
study of metabolic clearance rate of dehydroisoandrosterone sulfate in (Gant et al), 555
twin, in pseudodidelphys (Mingeot and Keirse), 1121 (Comm. in brief)
Pregnenolone production in pregnancy (Little et al.), 505
(7-^{3}H-), metabolism of, in normal human placenta maintained in organ culture (Meeker, DeCesaris, and Tulp), 840
Premature menstruation, induction of, with catatoxic steroids (Bosch and Warren), 1107 (Current investigation)
Prenatal administration of testosterone, effect of, on ovarian function in rats (Fels and Bosch), 964
Prenate and mother, relationship between whole-blood riboflavin levels in (Clarke), 43
Pressor polypeptide, identification of, in human amniotic fluid (Carretero et al.), 1075
Progeny aged 7 years, retardation of, and relationships to maternal age and maternal thyroid function, VIII; thyroid function in human pregnancy (Man et al.), 905
Progesterone and estradiol, daily variation in plasma levels of, throughout the menstrual cycle (Somerville), 419
-specific protein crystals in endometrium, electron microscopic study (Nakao, Meyer, and Noda), 1034
synthesis, abnormal, in placental tissue from a spontaneous abortion (Wiener and Friedlander), 942
by placental villi in organ culture, effect of hypoxia on (Gabbe and Villee), 31
in vitro binding of, by human endometrium during menstrual cycle and by hyperplastic, atrophic, and carcinomatous endometrium (Haukkamaa, Karjalainen, and Luukkainen), 205
Progestins and estrogens, amniotic fluid, in relation to length of gestation (YoungLai and Effer), 833
Proliferative endometrial response to theca-granulosa cell tumors (Gusberg and Kardon), 633
Prostaglandin(s) $F_{2\alpha}$ and E_2, effect of, on blood glucose and plasma insulin levels during pregnancy (Spellacy, Buhi, and Holsinger), 239
intravenous, efficacy and tolerance of (Hendricks et al.), 564
induction of abortion by (Kinoshita et al.), 855 (Comm. in brief)
intravenously administered, efficacy and acceptability of, as abortifacient (Csapo, Sauvage, and Wiest), 1059
Protein(s) crystals, progesterone-specific, in endometrium, electron microscopic study (Nakao, Meyer, and Noda), 1034
plasma, and gestational age, placental passage of ^{14}C-dieldrin altered by (Eliason and Posner), 925
serum, in newborn infants of diabetic mothers (Davidsen), 934
in patients with toxemic glomerular lesion (McCartney, Schumacher, and Spargo), 580
Prozoning and circulating macroglobulins, mechanisms of interference including, clinical and immunologic study of direct agglutination test for pregnancy (Horwitz et al.), 808
Puerperium, observations of maternal weight behavior during (Sheikh), 244
Purpura, thrombotic thrombocytopenic, septic abortion masquerading as (Yudis et al.), 350

R

Race and age at menarche (Weir, Dunn, and Jones), 594 (Comm. in brief)
Radiation, gynecologic cancer, and vesicovaginal fistula (Boronow and Rutledge), 85
reactions in cervical cancer therapy (Buchler et al.), 745
Radical operation for uterine cervical cancer, clinical significance of preservation of superior and inferior vesical arteries in recovery of bladder function after (Hsu and Cheng), 391
Radioglobulin localization and immunospecificity in transplanted human choriocarcinoma (Mizejewski, Quinones, and Baron), 413
Radioimmunoassay of urinary estrogens (Aoki and Hreshchyshyn), 382
Radioimmunoassayable plasma luteinizing hormone in primary amenorrhea (Reschini et al.), 173
Radioligand assay for plasma unconjugated estriol in normal and abnormal pregnancies (Tulchinsky, Hobel, and Korenman), 311
Rape, medical, social, and legal implications (Evrard), 197
Recruitment in obstetrics and gynecology, contemporary approach to (Tyson), 711 (Current opinion)
Red cell pH in human maternal and fetal blood as determined by 5, 5-dimethyl-2,4-oxazolidine dione (Kirschbaum), 515
Regeneration of rabbit endometrium following curettage, I (Schenker, Sacks, and Polishuk), 970
Renal amyloidosis, nephrotic syndrome due to, pregnancy and (Feitelson, Ortiz, and Lindheimer), 206 (Comm. in brief)

XUM

Reproduction, counseling the patient with sickle cell disease about, pregnancy outcome does not justify the maternal risk (Fort et al.), 324
Resident physicians in municipal hospital center, abortions by (Kopelman and Douglas), 666
Respiratory distress syndrome, risk of, related to gestational age, route of delivery, and maternal diabetes (Usher, Allen, and McLean), 826
Retardation of progeny aged 7 years and relationships to maternal age and maternal thyroid function. VIII; thyroid function in human pregnancy (Man et al.), 905
Rh-isoimmunized patient, severely affected, management of (Stenchever and Parada), 274
Riboflavin levels, whole-blood, in mother and prenate, relationship between (Clarke), 43
Risk factors associated with complications of pregnancy, labor, and delivery (Erickson), 658
high-, obstetrics, evaluation of effects of intensified care on pregnancy outcome, VI (DeGeorge, Nesbitt, and Aubry), 650
Rupture, spontaneous, of kidney associated with pregnancy (Aaro and Kelalis), 270
Ruptured enterocele (Fox and Kowalczyk), 592 (Comm. in brief)
Rural maternal and child health care, presumptuous experiment in, IV (Thiede), 736 (Current developments)

S

Saccharin, placental transmission and fetal distribution of (Pitkin et al.), 280
Scalpel guide, new, for biopsy of cervix (Jascalevich), 692
Scan electron microscope, screen, surface structure of human term placenta and uterine wall post partum in (Ludwig), 328
Scar, cesarean, endometrioma in, case report and review of literature (Kale, Shuster, and Shangold), 596 (Comm. in brief)
Schools, medical, impact of liberalized abortion law on, III (Stone, Gordon, and Rovinsky), 728 (Current developments)
Screen scan electron microscope, surface structure of human term placenta and uterine wall post partum in (Ludwig), 328
Septic abortion masquerading as thrombotic thrombocytopenic purpura (Yudis et al.), 350
Sequential therapy, graded, in menopause, double-blind study (Martin et al.), 178
Serum gonadotropin and steroid patterns during the normal menstrual cycle (Mishell et al.), 60
heat-stable alkaline phosphatase levels and urinary estrogen excretion, neutrophil alkaline phosphatase in pregnancy and its relationship to (Elder, Bonello, and Ellul), 319
hexosaminidase B, investigation of gestational increase in (Huddleston et al.), 804
proteins in newborn infants of diabetic mothers (Davidsen), 934
in patients with toxemic glomerular lesion (McCartney, Schumacher, and Spargo), 580
17-hydroxyprogesterone and estradiol-17β levels, relation of, during the human menstrual cycle (Thorneycroft et al.), 947
Shadows, their, are cast (Lund), 463
Sickle cell disease, counseling the patient with, about reproduction, pregnancy outcome does not justify the maternal risk (Fort et al.), 324
Sigetin and folliculin, effect of, on development of embryo and placenta in rabbits with normal and impaired sympathetic innervation of uterus (Garmasheva et al.), 1083
Smoking, cigarette, age, and parity, effect of, on baby weight (Murphy and Mulcahy), 22
Smoking—Cont'd
and socioeconomic status, maternal, low birth weight and neonatal mortality rate related to (Comstock et al.), 53
Social, legal, and medical implications, rape (Evrard), 197
Socioeconomic status and smoking, maternal, low birth weight and neonatal mortality rate related to (Comstock et al.), 53
Sodium and water excretion, effects of hypotonic expansion on, in hypertensive non-pre-eclamptic gravidas (Lindheimer and Katz), 1053
Specific activities and isoenzyme patterns during early and late gestation, placental enzymes (Edlow et al.), 360
Sperm cells, disappearance and breakage of, in rabbit uteri, effects of intrauterine device and ovarian status on (Hawk and Conley), 161
Spontaneous abortion, abnormal progesterone synthesis in placental tissue from (Wiener and Friedlander), 942
Squamous carcinoma of the cervix, cellular immunity as host response to (Goldstein, Shore, and Gusberg), 751
Stein-Leventhal syndrome (polycystic ovary syndrome), coelomic mesothelium-like cells in ovarian stroma of patients with (Nebel et al.), 766
Sterilization by laparoscopic tubal electrocoagulation, an assessment (Black), 979
procedure, vaginal hysterectomy as (van Nagell and Roddick), 703
transvaginal human, preliminary report (Richart, Najar, and Neuwirth), 108 (Current investigation)
Steroid(s), catatoxic, induction of premature menstruation with (Bosch and Warren), 1107 (Current investigation)
and gonadotropin patterns, serum, during the normal menstrual cycle (Mishell et al.), 60
Stillbirth and hydrops fetalis in a male glucose-6-phosphate dehydrogenase–deficient fetus possibly due to maternal ingestion of sulfisoxazole (Perkins), 379
Stroma, ovarian, of patients with polycystic ovary syndrome (Stein-Leventhal syndrome), coelomic mesothelium-like cells in (Nebel et al.), 766
Sulfate, dehydroisoandrosterone, in pregnancy, study of metabolic clearance rate of (Gant et al.), 555
Sulfisoxazole, maternal ingestion of, hydrops fetalis and stillbirth in a male glucose-6-phosphate–deficient fetus possibly due to (Perkins), 379
Superior and inferior vesical arteries, clinical significance of preservation of, in recovery of bladder function after radical operation for uterine cervical cancer (Hsu and Cheng), 391
Sympathetic innervation of uterus, normal and impaired, effect of folliculin and sigetin on development of embryo and placenta in rabbits with (Garmasheva et al.), 1083
Syndrome, dysmature, hypercoagulability in (Frigoletto et al.), 867
of fetal malnutrition, erythrocyte levels of 2,3-diphosphoglycerate in (Fiori and Scanlon), 681
nephrotic, due to renal amyloidosis, pregnancy and (Feitelson, Ortiz, and Lindheimer), 206 (Comm. in brief)
Peutz-Jeghers, extension of, ovarian tumors (Christian), 529
polycystic ovary (Stein-Leventhal syndrome), coelomic mesothelium-like cells in ovarian stroma of patients with (Nebel et al.), 766
respiratory distress, risk of, related to gestational age, route of delivery, and maternal diabetes (Usher, Allen, and McLean), 826
Synthesis, abnormal progesterone, in placental tissue from a spontaneous abortion (Wiener and Friedlander), 942
hemoglobin, and pregnancy, inherited disorders of (Perkins), 120 (Current developments)

Synthesis—Cont'd
progesterone, by placental villi in organ culture, effect of hypoxia on (Gabbe and Villee), 31

T

T strain mycoplasmemia, amnionitis and (Caspi et al.), 1102
Tension, oxygen, and acid-base status, human fetal and maternal, during delivery at high altitude (Sobrevilla et al.), 1111 (Current investigation)
Term placenta, human, and uterine wall post partum, surface structure of, in screen scan electron microscope (Ludwig), 328
Test, direct agglutination, for pregnancy (mechanisms of interference including prozoning and circulating macroglobulins), clinical and immunologic study of (Horwitz et al.), 808
Testosterone, effect of prenatal administration of, on ovarian function in rats (Fels and Bosch), 964
Tetracycline, effect of, on clinical course and outcome of pregnancy, natural history of asymptomatic bacteriuria during pregnancy (Elder et al.), 441 (Current developments)
Theca-granulosa cell tumors, proliferative endometrial response to (Gusberg and Kardon), 633
Therapeutic abortion (Addelson), 984 (Current opinion)
Thoracotomy (post-) galactorrhea successfully treated with clomiphene citrate (Weir), 106
Thrombocytopenic purpura, thrombotic, septic abortion masquerading as (Yudis et al.), 350
Thrombotic thrombocytopenic purpura, septic abortion masquerading as (Yudis et al.), 350
Thyroid function in human pregnancy; retardation of progeny aged 7 years and relationships to maternal age and maternal thyroid function, VIII (Man et al.), 905
Tissue, placental, from a spontaneous abortion, abnormal progesterone synthesis in (Wiener and Friedlander), 942
from two blighted-ovum abortions, multiple enzyme deficiencies in (Edlow et al.), 365
Toxemic glomerular lesion, serum proteins in patients with (McCartney, Schumacher, and Spargo), 580
Toxoplasmosis in abortion, role of (Kimball, Kean, and Fuchs), 219
congenital, prospective study of 4,048 obstetric patients (Kimball, Kean, and Fuchs), 211
Transactions, ninety-fourth annual meeting, American Gynecological Society, 463-649, 719-742
Transplantation biology of mammalian gestation (Billingham), 469
Transplanted human choriocarcinoma, radioglobulin localization and immunospecificity in (Mizejewski, Quinones, and Baron), 413
Triglyceride levels, amniotic fluid, and fetal maturity, relationship between (Nelson and Freedman), 930
Trophoblastic cells, mouse, in culture, growth and stimulation of, by polyoma virus (Koren et al.), 846
disease, persistent, angiographic demonstration of (Johnson and Llorens), 305 (Comm. in brief)
neoplasms, gestational, HL-A leukocyte antigen studies in women with (Lewis and Terasaki), 547
Tubal electrocoagulation, laparoscopic, sterilization by, an assessment (Black), 979
Tube, Fallopian, clinical aspects of primary carcinoma of (Boutselis and Thompson), 98
Tuberculosis, uterine, blue uterus—possible sign of (Beyth, Adoni, and Polishuk), 858 (Comm. in brief)
Tumor(s) cells, ciliioepithelial, demonstration of (Kaltenbach, Hilgarth, and Fettig), 593 (Comm. in brief)
ovarian, extension of Peutz-Jeghers syndrome (Christian), 529
observations on capillary vascular pattern in (Omar, El-Kateb, and Fathalla), 200
theca-granulosa cell, proliferative endometrial response to (Gusberg and Kardon), 633
Twin pregnancy in pseudodidelphys (Mingeot and Keirse), 1121 (Comm. in brief)
pregnant uterus, incarcerated, incisional hernia containing (Fullman), 308 (Comm. in brief)

U

Ultrasonic cardiography, M-mode, observation of fetal cardiac motion by (Murata, Takemura, and Kurachi), 287
Unconjugated estriol, plasma, in normal and abnormal pregnancies, radioligand assay for (Tulchinsky, Hobel, and Korenman), 311
University department of obstetrics and gynecology, what shall be role of, research in delivery of female health care, II (Prystowsky), 725 (Current developments)
Urban interrelationships in medical education, I (Evans and Plotkin), 719 (Current developments)
Ureteral injuries, vaginal repair of (Thompson and Benigno), 601
Urinary estrogen(s) excretion and serum heat-stable alkaline phosphatase levels, neutrophil alkaline phospatase in pregnancy and its relationship to (Elder, Bonello, and Ellul), 319
gas-liquid chromatographic quantitation of, in nonpregnant women, postmenopausal women, and men (Kaplan and Hreshchyshyn), 386
radioimmunoassay of (Aoki and Hreshchyshyn), 382
Uterine arteries of guinea pig, angiographic study of sensitivity to epinephrine of, comparison with angiotensin (Girard, Brun, and Muffat-Joly), 687
isolated human, comparative actions of selected vasoactive drugs on (Dyer and Gough), 820
blood flow and O_2 consumption following fetal death in sheep (Raye et al.), 917
unilateral control of, in the ewe (Greiss and Miller), 299 (Current investigation)
cervical cancer, clinical significance of preservation of superior and inferior vesical arteries in recovery of bladder function after radical operation for (Hsu and Cheng), 391
contractility, inhibition of, in labor (Bieniarz et al.), 867
nonpregnant, and the cardiovascular system, effect of mesuprine hydrochloride upon (Cibils), 187
leiomyoma containing metastatic breast carcinoma (Banooni, Labes, and Goodman), 427
perforation, laparoscopic removal of intrauterine contraceptive devices following (Leventhal, Simon, and Shapiro), 102
response to epinephrine, hormonal environment and (Raz, Zeigler, and Adoni), 345
tuberculosis, blue uterus—possible sign of (Beyth, Adoni, and Polishuk), 858 (Comm. in brief)
wall post partum and human term placenta, surface structure of, in screen scan electron microscope (Ludwig), 328
Uterus (uteri), blue—possible sign of uterine tuberculosis (Beyth, Adoni, and Polishuk), 858 (Comm. in brief)
incarcerated twin pregnant, incisional hernia containing (Fullman), 308 (Comm. in brief)
normal and impaired sympathetic innervation of, effect of folliculin and sigetin on development of embryo and placenta in rabbits with (Garmasheva et al.), 1083
rabbit, disappearance and breakage of sperm cells in, effects of intrauterine device and ovarian status on (Hawk and Conley), 161

V

Vaginal adenocarcinoma arising in vaginal adenosis (Ruffolo, Foxworthy, and Fletcher), 167

XUM

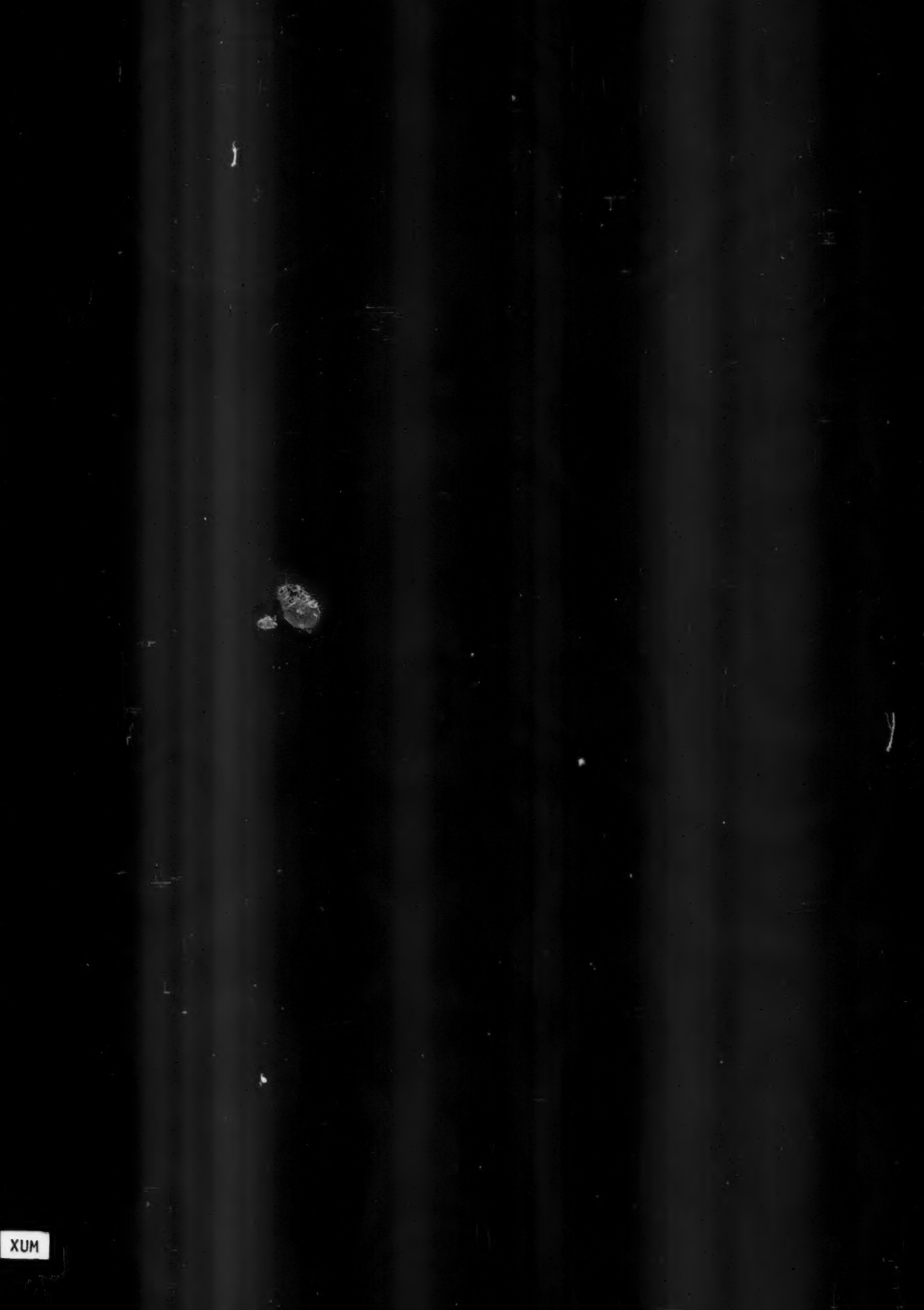
Vaginal—Cont'd
hysterectomy as sterilization procedure (van Nagell and Roddick), 703
repair of ureteral injuries (Thompson and Benigno), 601
(trans-) human sterilization, preliminary report (Richart, Najar, and Neuwirth), 108 (Current investigation)
Vaginitis, candidal, oxytetracycline-nystatin in prevention of (Silverman and Okun), 398
Vascular pattern, capillary, in ovarian tumors, observations on (Omar, El-Kateb, and Fathalla), 200
Vasculatures, myoendometrial and placental, differential reactivity of, vasodilatation (Greiss), 611
Vasoactive drugs, selected, comparative actions of, on isolated human uterine arteries (Dyer and Gough), 820
Vasodilatation, differential reactivity of myoendometrial and placental vasculatures (Greiss), 611
Vesical arteries, superior and inferior, clinical significance of preservation of, in recovery of bladder function after radical operation for uterine cervical cancer (Hsu and Cheng), 391
Vesicovaginal fistula, early repair of (Collins et al.), 524
radiation, and gynecologic cancer (Boronow and Rutledge), 85
Villi, placental, in organ culture, effect of hypoxia on progesterone synthesis by (Gabbe and Villee), 31
Virus, herpes simplex, and cancer of the cervix (Plummer and Masterson), 81
Virus—Cont'd
polyoma, growth and stimulation of mouse trophoblastic cells in culture by (Koren et al.), 846
Vulva, treatment of cancer of, with high energy electrons (Frischbier and Thomsen), 431

W

Washings, endometrial jet, diagnosis by (Hibbard and Schwinn), 1039
Water and sodium excretion, effects of hypotonic expansion on, in hypertensive non-pre-eclamptic gravidas (Lindheimer and Katz), 1053
Weight, baby, effect of age, parity, and cigarette smoking on (Murphy and Mulcahy), 22
behavior, maternal, during the puerperium, observations of (Sheikh), 244
low birth, and neonatal mortality rate related to maternal smoking and socioeconomic status (Comstock et al.), 53
prepregnancy, and certain obstetric factors, relationship between (Peckham and Christianson), 1

X

X cell in human placenta, immunohistochemical studies of, with anti-human chorionic gonadotropin and anti-human placental lactogen (Kim, Naftolin, and Benirschke), 672
-irradiation and hypothermia, congenital cardiovascular anomalies in chick embryos exposed to (Gilani and Jaffee), 47


XUM